

FCC Form

Approval by OMB
3060-0806**470**

Schools and Libraries Universal Service Description of Services Requested and Certification Form

Estimated Average Burden Hours Per Response: 4.0 hours

This form is designed to help you describe the eligible telecommunications-related services you seek so that this data can be posted on the Fund Administrator website and interested service providers can identify you as a potential customer and compete to serve you.

Please read instructions before beginning this application.

(To be completed by entity that will negotiate with providers.)

Block 1: Applicant Address and Identifications

Form 470 Application Number: 181630000366888

Applicant's Form Identifier: 025

Application Status: CERTIFIED

Posting Date: 10/16/2001

Allowable Contract Date: 11/13/2001

Certification Received Date: 10/19/2001

1. Name of Applicant:

JACKSON PARISH SCHOOL DISTRICT

2. Funding Year:

07/01/2002 - 06/30/2003

3. Your Entity Number

139315

4a. Applicant's Street Address, P.O.Box, or Route Number

315 PERSHING HWY

City

JONESBORO

State

LA

Zip Code

71251

b. Telephone number

(318) 259- 4456

c. Fax number

(318) 259- 4514

d. E-mail Address

tbarron@nls.k12.la.us

5. Type Of Applicant☒ Individual School (individual public or non-public school)☒ School District (LEA; public or non-public [e.g., diocesan] local district representing multiple schools)☒ Library (including library system, library branch, or library consortium applying as a library)☒ Consortium (intermediate service agencies, states, state networks, special consortia)**6a. Contact Person's Name:** Talton Barron

First, fill in **every** item of the Contact Person's information below **that is different from Item 4, above**.
Then check the box next to the preferred mode of contact. (At least one box **MUST** be checked.)

6b. Street Address, P.O.Box, or Route Number☒ 315 PERSHING HWY

City

State

Zip Code

AR0001

JONESBORO

LA

71251

- ☒ 6c. Telephone Number (318) 259- 4456
- ☒ 6d. Fax Number (318) 259- 4514
- ☒ 6e. E-mail Address tbarron@nls.k12.la.us

Block 2: Summary Description of Needs or Services Requested

7 This Form 470 describes (check all that apply):

- a. ☒ Tariffed services - telecommunications services, purchased at regulated prices, for which the applicant has no signed, written contract. A new Form 470 must be filed for tariffed services for each funding year.
- b. ☒ Month-to-month services for which the applicant has no signed, written contract. A new Form 470 must be filed for these services for each funding year.
- c. ☒ Services for which a new written contract is sought for the funding year in Item 2.
- d. ☐ A multi-year contract signed on or before 7/10/97 but for which no Form 470 has been filed in a previous program year.

NOTE: Services that are covered by a signed, written contract executed pursuant to posting of a Form 470 in a previous program year OR a contract signed on/before 7/10/97 and reported on a Form 470 in a previous year as an existing contract do NOT require filing of a Form 470.

What kinds of service are you seeking: Telecommunications Services, Internet Access, or Internal Connections? Refer to the Eligible Services List at www.sl.universalservice.org for examples. Check the relevant category or categories (8, 9, and/or 10 below), and answer the questions in each category you select.

8 ☒ Telecommunications Services

Do you have a Request for Proposal (RFP) that specifies the services you are seeking ?

- a ☒ YES, I have an RFP. It is available on the Web at or via (check one):
☒ the Contact Person in Item 6 or ☐ the contact listed in Item 11.

- b ☒ NO, I do not have an RFP for these services.

If you answered NO, you must list below the Telecommunications Services you seek. Specify each service or function (e.g., local voice service) and quantity and/or capacity (e.g., 20 existing lines plus 10 new ones). See the Eligible Services List at www.sl.universalservice.org for examples of eligible Telecommunications Services. Remember that only eligible telecommunications providers can provide these services under the universal service support mechanism. Add additional lines if needed.

Service or Function:	Quantity and/or Capacity:
plain old telephone service (POTS)	projected 60 1FB & 1FR telephone lines
long distance service	service for 9 district sites
cell service	evaluating cellular services for 10 educational personnel
digital lines	seeking service for 8 T1 links
video lines/services	considering service for 1 h.320/h.323 link
distance education access service	evaluating link service for 4 sites
paging service	projected 10 paging links needed

9 ☒ Internet Access

Do you have a Request for Proposal (RFP) that specifies the services you are seeking ?

- a ☒ **YES**, I have an RFP. It is available on the Web at or via (check one):
☒ the Contact Person in Item 6 or ☐ the contact listed in Item 11.

- b ☐ **NO**, I do not have an RFP for these services.

If you answered **NO**, you must list below the Internet Access Services you seek. Specify each **service or function** (e.g., monthly Internet service) and quantity and/or capacity (e.g., for 500 users). See the Eligible Services List at www.sl.universalservice.org for examples of eligible Internet Access services. Add additional lines if needed.

Service or Function:	Quantity and/or Capacity:
internet access	projected 9 sites, high speed T1 access
internet e-mail support	projected 9 sites, bundled with internet
school level maintenance/installation	projected 9 sites, bundled with internet

10 ☒ Internal Connections**Do you have a Request for Proposal (RFP) that specifies the services you are seeking ?**

- a ☒ **YES**, I have an RFP. It is available on the Web at or via (check one):
☒ the Contact Person in Item 6 or ☐ the contact listed in Item 11.

- b ☐ **NO**, I do not have an RFP for these services.

If you answered **NO**, you must list below the Internal Connections Services you seek. Specify each **service or function** (e.g., local area network) and quantity and/or capacity (e.g., connecting 10 rooms and 300 computers at 56kbps or better). See the Eligible Services List at www.sl.universalservice.org for examples of eligible Internal Connections services. Add additional lines if needed.

Service or Function:	Quantity and/or Capacity:
wireplan (maint. & inst.)	9 district school sites; CAT5 & CAT3
wireplan moves, changes, additions	projected 100 drops needed
site level maintenance for internet services	9 district school sites
purchase, install, maintain network server	9 district school sites; 9 network servers
switches 5 port/8 port	projected 100+ 5/8 10/100 switches to be purchased
switches 10/100 24 port or higher	projected 9 switches to be purchased
maintenance contract telephone systems	9 district school sites
UPS Systems	projected 9 units, 1400 VA minimum size
video conferencing server equipment	server/software to support 9 sites
on-site technical support	maintenance and support for 9 sites
terminal servers	considering purchase of 1 server per school (8 total)
memory, disk upgrades	seeking upgrades for 9 servers
maintenance contract on routing equipment	projected 9 sites
T1 CSU/DSU maintenance	projected 9 sites
purchase, install & maintain telephone equipment	seeking proposals for (1) new high school system
new telephone & LAN wireplan	seeking proposals for (1) new high school wireplan

11 (Optional) Please name the person on your staff or project who can provide additional technical details or answer specific questions from service providers about the services you are seeking. This need not be the contact person listed in Item 6 nor the signer of this form.

Name: **Talton Barron** Title: **Technology coordinator**

Telephone number
(318) 259 - 4456

Fax number
(318) 259 - 4514

E-mail Address
tvarron@nls.k12.la.us

12. ☐ Check here if there are any restrictions imposed by state or local laws or regulations on how or when providers may contact you or on other bidding procedures. Please describe below any such restrictions or procedures, and/or provide Web address where they are posted and a contact name and telephone number for service providers without Internet access.

13. If you intend to enter into a multi-year contract based on this posting or a contract featuring an option for voluntary extensions you may provide that information below. If you have plans to purchase additional services in future years, or expect to seek new contracts for existing services, summarize below (including the likely timeframes).

Block 3: Technology Assessment

14. ☐ **Basic telephone service only:** If your application is for basic local and long distance telephone service (wireline or wireless) only, check this box and skip to Item 16.

15. Although the following services and facilities are ineligible for support, they are usually necessary to make effective use of the eligible services requested in this application. Unless you indicated in Item 14 that your application is ONLY for basic telephone service, you must check at least one box in (a) through (e). You may provide details for purchases being sought.

a. Desktop software: Software required ☐ has been purchased; and/or ☒ is being sought.

b. Electrical systems: ☒ adequate electrical capacity is in place or has already been arranged; and/or ☐ upgrading for additional electrical capacity is being sought.

c. Computers: a sufficient quantity of computers ☐ has been purchased; and/or ☒ is being sought.

d. Computer hardware maintenance: adequate arrangements ☐ have been made; and/or ☒ are being sought.

e. Staff development: ☐ all staff have had an appropriate level of training /additional training has already been scheduled; and/or ☒ training is being sought.

f. Additional details: Use this space to provide additional details to help providers to identify the services you desire.

Block 4: Recipients of Service

16. **Eligible Entities That Will Receive Services:**

Check the ONE choice (a,b or c) that best describes this application and the eligible entities that will receive the services described in this application. You will then list in Item 17 the

entity/entities that will pay the bills for these services.

a. ☒ Individual school or single-site library.

b. ☒ Statewide application for (enter 2-letter state code) **LA** representing (check all that apply):

☒ All public schools/districts in the state:

☒ All non-public schools in the state:

☒ All libraries in the state:

If your statewide application includes INELIGIBLE entities, check here. ☒ If checked, complete Item 18.

c. ☒ School district, library system, or consortium application to serve multiple eligible entities:

Number of eligible sites	9
<i>For these eligible sites, please provide the following</i>	
Area Codes (list each unique area code)	Prefixes associated with each area code (first 3 digits of phone number) separate with commas, leave no spaces
318	249, 259
If your application includes INELIGIBLE entities, check here. <input checked="" type="checkbox"/> If checked, complete Item 18.	

17. Billed Entities

List the entity/entities that will be paying the bills directly to the provider for the services requested in this application. These are known as Billed Entities. At least one line of this item must be completed. Attach additional sheets if necessary.

Entity	Entity Number
JACKSON PARISH SCHOOL DISTRICT	139315

18. Ineligible Participating Entities

Does your application also seek bids on services to entities that are not eligible for the Universal Service Program? If so, list those entities here (attach pages if needed):

Ineligible Participating Entity	Area Code	Prefix
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Block 5: Certification and Signature

19. The applicant includes:(Check one or both)

a. ☒ schools under the statutory definitions of elementary and secondary schools found in the No Child Left Behind Act of 2001, 20 U.S.C. Secs. 7801(18) and (38), that do not operate as for-profit businesses, and do not have endowments exceeding \$50 million; and/or

b. ☒ libraries or library consortia eligible for assistance from a State library administrative agency under the Library Services and Technology Act of 1996 that do not operate as for-profit businesses and whose budgets are completely separate from any school (including, but not limited to elementary and secondary schools, colleges and universities).

20. All of the individual schools, libraries, and library consortia receiving services under this application are covered by:

- a. ☒ individual technology plans for using the services requested in the application, and/or
- b. ☒ higher-level technology plans for using the services requested in the application, or
- c. ☒ no technology plan needed; application requests basic local and/or long distance telephone service only.

21. Status of technology plans (if representing multiple entities with mixed technology plan status, check both a and b):

- a. ☒ technology plan(s) has/have been approved by a state or other authorized body.
- b. ☒ technology plan(s) will be approved by a state or other authorized body.
- c. ☒ no technology plan needed; application requests basic local and long distance telephone service only.

22. ☒ I certify that the services the applicant purchases at discounts provided by 47 U.S.C. Sec. 254 will be used solely for educational purposes and will not be sold, resold, or transferred in consideration for money or any other thing of value.

23. ☒ I recognize that support under this support mechanism is conditional upon the school(s) or library(ies) I represent securing access to all of the resources, including computers, training, software, maintenance, and electrical connections necessary to use the services purchased effectively.

24. ☒ I certify that I am authorized to submit this request on behalf of the above-named entities, that I have examined this request, and to the best of my knowledge, information, and belief, all statements of fact contained herein are true.

25. Signature of authorized person: ☒

26. Date (mm/dd/yyyy): 10/16/2001

27. Printed name of authorized person: Talton Barron

28. Title or position of authorized person: Technology Coordinator

29a. Address of authorized person:

City: State: Zip:

29b. Telephone number of authorized person: (318) 259 - 4456 ext. 12

29c. Fax number of authorized person: ()

29d. E-mail address number of authorized person:

Persons willfully making false statements on this form can be punished by fine or forfeiture, under the Communications Act, 47 U.S.C. Secs. 502, 503(b), or fine or imprisonment under Title 18 of the United States Code, 18 U.S.C. Sec. 1001.

Service provider involvement with preparation or certification of a Form 470 can taint the competitive bidding process and result in the denial of funding requests. For more information, refer to the "Service Provider Role in Assisting Customers" at www.sl.universalservice.org/vendor/manual/chapter5.doc or call the Client Service Bureau at 1-888-203-8100.

NOTICE: Section 54.504 of the Federal Communications Commission's rules requires all schools and libraries ordering services that are eligible for and seeking universal service discounts to file this Description of Services Requested and Certification Form (FCC Form 470) with the Universal Service Administrator. 47 C.F.R. § 54.504. The collection of information stems from the Commission's authority under Section 254 of the Communications Act of 1934, as amended. 47 U.S.C. § 254. The data in the report will be used to ensure that schools and libraries comply with the competitive bidding requirement contained in 47 C.F.R. § 54.504. All schools and libraries planning to order services eligible for universal service discounts must file this form themselves or as part of a consortium.

An agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a currently valid OMB control number.

The FCC is authorized under the Communications Act of 1934, as amended, to collect the information we request in this form. We will use the information you provide to determine whether approving this application is in the public interest. If we believe there may be a violation or a potential violation of a FCC statute, regulation, rule or order, your application may be referred to the Federal, state, or local agency responsible for investigating, prosecuting, enforcing, or implementing the statute, rule, regulation or order. In certain cases, the information in your application may be disclosed to the Department of Justice or a court or adjudicative body when (a) the FCC; or (b) any employee of the FCC; or (c) the United States Government is a party of a proceeding before the body or has an interest in the proceeding. In addition, information provided in or submitted with this form or in response to subsequent inquiries may also be subject to disclosure consistent with the Communications Act of 1934, FCC regulations, the Freedom of Information Act, 5 U.S.C. § 552, or other applicable law.

If you owe a past due debt to the federal government, the information you provide may also be disclosed to the Department of the Treasury Financial Management Service, other Federal agencies and/or your employer to offset your salary, IRS tax refund or other payments to collect that debt. The FCC may also provide the information to these agencies through the matching of computer records when authorized.

If you do not provide the information we request on the form, the FCC may delay processing of your application or may return your application without action.

The foregoing Notice is required by the Paperwork Reduction Act of 1995, Pub. L. No. 104-13, 44 U.S.C. § 3501, et seq.

Public reporting burden for this collection of information is estimated to average 4 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, completing, and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing the reporting burden to the Federal Communications Commission, Performance Evaluation and Records Management, Washington, DC 20554.

Please submit this form to:

**SLD-Form 470
P.O. Box 7026
Lawrence, Kansas 66044-7026
1-888-203-8100**

For express delivery services or U.S. Postal Service, Return Receipt Requested, mail this form to:

**SLD-Form 470
c/o Ms. Smith
3833 Greenway Drive
Lawrence, Kansas 66046
1-888-203-8100**

FCC Form 470
May 2003

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Universal Service Administrative Company
Schools & Libraries Division

CASE 2003/2004-BEN# 139315

Date: 6/06/06
To: Mike Staples
Entity: Jackson Parish School District
Fax #: 318-259-2527
Sender: Michael Deusinger
Phone: 973-581-6750
Fax: 973-599-6515
E-mail: mdeusin@sl.universalservice.org
Subject: Pattern Analysis Information Request FY 2003/2004

As a result of recent FCC Order (06-55, released May 19, 2006) that remanded your application to us, we are processing your Form 471 to ensure that it is in compliance with Program rules. This Pattern Analysis Information Request (PAIR) is related to your Funding Year 2003 Form 471 application # 376220 and your Funding Year 2004 Form 471 application # 423981. Our Program Integrity Assurance (PIA) review revealed Forms 470 and 471 citing Send Technologies as a service provider that share similarities with other billed entities' Forms 470 and 471. The similarities amongst the bill entities are potential competitive bidding Program rules violations. Your funding request may be reduced or denied if these violations are valid. Therefore, we must seek additional information regarding the completion and posting of your Form 470, your competitive bidding process, and/ or your Selective Review responses to ensure compliance with Program rules.

Enclosed please find a certification which must be signed by a person authorized to represent the entity and most knowledgeable about the information set forth in the responses to the PAIR. Submit the certification back to me, Mr. Michael Deusinger, with your responses to the PAIR.

You have **15 days** to respond to this request. Your response is due by the close of business 6/20/06. Please provide complete responses and documentation to the questions listed below. If the question(s) is not applicable, please explain why. It is important that you provide complete responses to ensure the timely review of your application. If you do not respond or provide incomplete responses, your funding request (FRNs) may be reduced or denied.

If the applicant's authorized representative completed the information in this document, please attach a *copy of the letter of agency or another agreement* between the applicant and the consultant authorizing them to act on the school or library's behalf. If you receive assistance outside of your organization in responding to this request, please indicate this in your reply. Send Technologies should not be consulted in this matter.

Should you wish to cancel your Form 471 application(s), or any of your individual funding requests, please clearly indicate in your response that it is your intention to cancel an application or funding request(s). Include in any cancellation request the Form 471 application number(s) and/or funding request number(s), and the complete name, title and signature of the authorized individual.

Form 470 Submissions and Form 470 Certifications

Program rules prohibit service providers from participating in the development, completion and posting of the Form 470. We have determined that Forms 470 cited by Send Technologies entities have similar Applicant Form Identifiers and are similar in their services sought, which implies that Send Technologies participated in the completion and/or posting of your entity's Form 470. We have also determined that the certification of the Form 470 cited by your entity's application was mailed by Mark Stevenson of Send Technology

1. Please provide the name, title and employer of the individual who filled out and submitted (i.e., mailed or posted the Form 470 on the Schools and Libraries website) Form 470# 181630000366888. Also provide that individual's contact information. If they are not an employee of your organization, how are they affiliated with your entity and why were they selected to complete or post your Form 470?
2. Please provide the specific location from which the Form# 181630000366888 was filed and submitted. If the Form 470 was not posted from your organization's location, please explain why.
3. If a service provider employee assisted in the completion and/or posting Form 470# 181630000366888, please provide the name and title of the Service Provider's employee and describe the assistance. Please also provide that individual's contact information. Explain why you selected them to assist your organization with completing or posting your Form 470. To the best of your knowledge, explain whether the service provider was aware that an employee assisted with the completion and/or posting of your entity's Form 470.
4. Please explain why the certification of the Form 470 cited by your entity's application was mailed in by Mark Stevenson of Send Technology. Please explain in detail the role(s) Mr. Stevenson played in the Form 470 process.

Form 470 Service or Need Description Summary

Applicants that selected discount services from Send Technologies share similar statements in their Forms 470 Block 2: *Summary Description of Needs or Services Requested*. These similarities imply that the service provider participated in the development, completion and/or posting of the Form 470.

1. Please explain the process your entity used to determine the type(s) of service(s) for which your entity sought bids. Provide documentation, if available, that will support your response (e.g., needs assessment, memorandums).
2. Provide the name of the individual and their organization's name who participated in determining what services your entity sought bids for that are not employees of your organization. Explain how they became involved in the process, their level of involvement, and why your organization sought their participation in your competitive bidding process.

If you have any questions, please contact me at 973-581-6750.

Michael Deusinger
Program Compliance

PATTERN ANALYSIS CERTIFICATION

I certify that I am authorized to make the representations set forth in the responses to the Pattern Analysis Information Request on behalf of <enter entity name>, the entity represented on and responding to the Pattern Analysis Information Request, and am the most knowledgeable person with regard to the information set forth therein. I certify that the responses and supporting documentation to the Pattern Analysis Information Request are true and correct to the best of my knowledge, information and belief. I acknowledge that FCC rules provide that persons who have been convicted of criminal violations or held civilly liable for certain acts arising from their participation in the schools and libraries support mechanism are subject to suspension and debarment from the program. I acknowledge that false statements can be punished by fine or forfeiture under the Communications Act, 47 U.S.C. §§ 502, 503(b), or fine or imprisonment under Title 18 of the United States Code, 18 U.S.C. § 1001 and civil violations of the False Claims Act.

I declare under penalty of perjury that the foregoing is true and correct. Executed on ____ day of _____, 2006 at _____ [city], _____ [state].

Signature		Date
Print Name	Title	
Employer		
Telephone Number	Fax Number	
Email Address		
Address		

FCC Form

Approval by OMB
3080-0606

470

Schools and Libraries Universal Service Description of Services Requested and Certification Form

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This form is designed to help you describe the eligible telecommunications-related services you seek so that this data can be posted on the Fund Administrator website and interested service providers can identify you as a potential customer and compete to serve you.

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Block 1: Applicant Address and Identifications

Form 470 Application Number: 266860000434304

Applicant's Form Identifier: 025

Application Status: CERTIFIED

Posting Date: 11/22/2002

Allowable Contract Date: 12/20/2002

Certification Received Date: 11/22/2002

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07/01/2003 - 06/30/2004

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d. E-mail Address

tbarron@nls.k12.la.us

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315 PERSHING HWY

City

JONESBORO

State

LA

Zip Code

71251

☒ **6c. Telephone Number** (318) 259-4456☒ **6d. Fax Number** (318) 259-4514☒ **6e. E-mail Address** tbarron@nls.k12.la.us**Block 2: Summary Description of Needs or Services Requested****7 This Form 470 describes (check all that apply):**☒ a. Tariffed services - telecommunications services, purchased at regulated prices, for which the applicant has no signed, written contract. A new Form 470 must be filed for tariffed services for each funding year.☒ b. Month-to-month services for which the applicant has no signed, written contract. A new Form 470 must be filed for these services for each funding year.☒ c. Services for which a new written contract is sought for the funding year in Item 2.☒ d. A multi-year contract signed on or before 7/10/97 but for which no Form 470 has been filed in a previous program year.

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☐ the Contact Person in Item 6 or ☐ the contact listed in Item 11.

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long distance service	service for 9 district sites
cell service	evaluating service for 10 educational personnel
digital lines	seeking service for 8 T1 links
video lines and services	considering service for 1 h.320/h.323 link
distance education access service	evaluating link service for 4 sites
paging service	projected 10 paging links needed

9 ☒ Internet Access
Do you have a Request for Proposal (RFP) that specifies the services you are seeking?

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Service or Function:	Quantity and/or Capacity:
Internet access	projected 9 sites, high speed T1 access
Internet e-mail support	projected 9 sites, bundled with Internet
school level maintenance/installation	projected 9 sites, bundled with Internet

10 ☒ Internal Connections
Do you have a Request for Proposal (RFP) that specifies the services you are seeking?

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☐ the Contact Person in Item 6 or ☐ the contact listed in Item 11.

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If you answered NO, you must list below the Internal Connections Services you seek. Specify each service or function (e.g., local area network) and quantity and/or capacity (e.g., connecting 10 rooms and 300 computers at 56kbps or better). See the Eligible Services List at www.sl.universalservice.org for examples of eligible Internal Connections services. Add additional lines if needed.

Service or Function:	Quantity and/or Capacity:
wireplan (main. & inst.)	9 district sites, CAT5 & CAT3
wireplan moves, changes, additions	projected 100 drops
site level maintenance for Internet services	9 district school sites
purchase, install, maintain network server	9 district school sites, 9 network servers
switches 5 port/8 port	projected 100+ 5/8 10/100 switches to be purchased
switches 10/100 24 port or higher	projected 9 switches to be purchased
maintenance telephone system	9 district school sites
UPS systems	projected 9 units, 1400 VA minimum size
video conferencing server equipment	server/software to support 9 sites
on-site technical support	maintenance and support for 9 sites
terminal servers	considering purchasing 1 server per school (8 total)
memory, disk upgrades	seeking upgrades for 9 servers
maintenance contract on routing equipment	projected 9 sites
T1 CSU/DSU maintenance	projected 9 sites
purchase, install, maintain telephone equipment	seeking proposals for 1 new high school system
new telephone & LAN wireplan	seeking proposals for 1 new high school wireplan

11 (Optional) Please name the person on your staff or project who can provide additional technical details or answer specific questions from service providers about the services you are seeking. This need not be the contact person listed in Item 6 nor the signer of this form.

Name: Talton Barron Title: Technology coordinator

Telephone number: (318) 259 - 4456 extn: 12

Fax number (318) 259 - 2527
E-mail Address tbarron@nls.k12.la.us
12. <input checked="" type="checkbox"/> Check here if there are any restrictions imposed by state or local laws or regulations on how or when providers may contact you or on other bidding procedures. Please describe below any such restrictions or procedures, and/or provide Web address where they are posted and a contact name and telephone number for service providers without Internet access.
13. If you intend to enter into a multi-year contract based on this posting or a contract featuring an option for voluntary extensions you may provide that information below. If you have plans to purchase additional services in future years, or expect to seek new contracts for existing services, summarize below (including the likely timeframes).

Block 3: Technology Assessment

14. <input checked="" type="checkbox"/> Basic telephone service only: If your application is for basic local and long distance telephone service (wireline or wireless) only, check this box and skip to Item 16.
15. Although the following services and facilities are ineligible for support, they are usually necessary to make effective use of the eligible services requested in this application. Unless you indicated in Item 14 that your application is ONLY for basic telephone service, you must check at least one box in (a) through (e). You may provide details for purchases being sought.
a. Desktop software: Software required <input checked="" type="checkbox"/> has been purchased; and/or <input checked="" type="checkbox"/> is being sought.
b. Electrical systems: <input checked="" type="checkbox"/> adequate electrical capacity is in place or has already been arranged; and/or <input checked="" type="checkbox"/> upgrading for additional electrical capacity is being sought.
c. Computers: a sufficient quantity of computers <input checked="" type="checkbox"/> has been purchased; and/or <input checked="" type="checkbox"/> is being sought.
d. Computer hardware maintenance: adequate arrangements <input checked="" type="checkbox"/> have been made; and/or <input checked="" type="checkbox"/> are being sought.
e. Staff development: <input checked="" type="checkbox"/> all staff have had an appropriate level of training; additional training has already been scheduled; and/or <input checked="" type="checkbox"/> training is being sought.
f. Additional details: Use this space to provide additional details to help providers to identify the services you desire.

Block 4: Recipients of Service

16. Eligible Entities That Will Receive Services: Check the ONE choice (a,b or c) that best describes this application and the eligible entities that will receive the services described in this application. You will then list in Item 17 the entity/entities that will pay the bills for these services.						
a. <input checked="" type="checkbox"/> Individual school or single-site library.						
b. <input checked="" type="checkbox"/> Statewide application for (enter 2-letter state code) representing (check all that apply): <input checked="" type="checkbox"/> All public schools/districts in the state; <input checked="" type="checkbox"/> All non-public schools in the state; <input checked="" type="checkbox"/> All libraries in the state.						
If your statewide application includes INELIGIBLE entities, check here. <input checked="" type="checkbox"/> If checked, complete Item 18.						
c. <input checked="" type="checkbox"/> School district, library system, or consortium application to serve multiple eligible entities:						
<table border="1"> <tr> <td> Number of eligible sites 9 </td> <td> For these eligible sites, please provide the following </td> </tr> <tr> <td> Area Codes (list each unique area code) </td> <td> Prefixes associated with each area code (first 3 digits of phone number) separate with commas, leave no spaces </td> </tr> <tr> <td> 318 </td> <td> 239, 259 </td> </tr> </table>	Number of eligible sites 9	For these eligible sites, please provide the following	Area Codes (list each unique area code)	Prefixes associated with each area code (first 3 digits of phone number) separate with commas, leave no spaces	318	239, 259
Number of eligible sites 9	For these eligible sites, please provide the following					
Area Codes (list each unique area code)	Prefixes associated with each area code (first 3 digits of phone number) separate with commas, leave no spaces					
318	239, 259					
If your application includes INELIGIBLE entities, check here. <input checked="" type="checkbox"/> If checked, complete Item 18.						

17. Billed Entities

List the entity/entities that will be paying the bills directly to the provider for the services requested in this application. These are known as Billed Entities. At least one line of this item must be completed. Attach additional sheets if necessary.

Entity	Entity Number
JACKSON PARISH SCHOOL DISTRICT	139315

18. Ineligible Participating Entities

Does your application also seek bids on services to entities that are not eligible for the Universal Service Program? If so, list those entities here (attach pages if needed):

Ineligible Participating Entity	Area Code	Prefix
---------------------------------	-----------	--------

Block 5: Certification and Signature**19. The applicant includes: (Check one or both)**

- a. ☒ schools under the statutory definitions of elementary and secondary schools found in the No Child Left Behind Act of 2001, 20 U.S.C. Secs. 7801(18) and (38), that do not operate as for-profit businesses, and do not have endowments exceeding \$50 million; and/or
- b. ☒ libraries or library consortia eligible for assistance from a State library administrative agency under the Library Services and Technology Act of 1996 that do not operate as for-profit businesses and whose budgets are completely separate from any school (including, but not limited to elementary and secondary schools, colleges and universities).

20. All of the individual schools, libraries, and library consortia receiving services under this application are covered by:

- a. ☒ individual technology plans for using the services requested in the application, and/or
- b. ☒ higher-level technology plans for using the services requested in the application, or
- c. ☒ no technology plan needed; application requests basic local and/or long distance telephone service only.

21. Status of technology plans (if representing multiple entities with mixed technology plan status, check both a and b):

- a. ☒ technology plan(s) has/have been approved by a state or other authorized body.
- b. ☒ technology plan(s) will be approved by a state or other authorized body.
- c. ☒ no technology plan needed; application requests basic local and long distance telephone service only.

22. ☒ I certify that the services the applicant purchases at discounts provided by 47 U.S.C. Sec. 254 will be used solely for educational purposes and will not be sold, resold, or transferred in consideration for money or any other thing of value.

23. ☒ I recognize that support under this support mechanism is conditional upon the school(s) or library(ies) I represent securing access to all of the resources, including computers, training, software, maintenance, and electrical connections necessary to use the services purchased effectively.

24. ☒ I certify that I am authorized to submit this request on behalf of the above-named entities, that I have examined this request, and to the best of my knowledge, information, and belief, all statements of fact contained herein are true.

25. Signature of authorized person: ☒

26. Date (mm/dd/yyyy): 11/22/2002

27. Printed name of authorized person: Archie Chandler

28. Title or position of authorized person: Superintendent

29a. Address of authorized person:
City: State: Zip:

29b. Telephone number of authorized person: (318) 259 - 4456 ext. 29

29c. Fax number of authorized person: ()

29d. E-mail address number of authorized person:

Persons willfully making false statements on this form can be punished by fine or forfeiture, under the Communications Act, 47 U.S.C. Secs. 502, 503(b), or fine or imprisonment under Title 18 of the United States Code, 18 U.S.C. Sec. 1001.

Service provider involvement with preparation or certification of a Form 470 can taint the competitive bidding process and result in the denial of funding requests. For more information, refer to the "Service Provider Role in Assisting Customers" at www.sl.universalservice.org/vendor/manual/chapter5.doc or call the Client Service Bureau at 1-888-203-9100.

NOTICE: Section 54.504 of the Federal Communications Commission's rules requires all schools and libraries ordering services

that are eligible for and seeking universal service discounts to file this Description of Services Requested and Certification Form (FCC Form 470) with the Universal Service Administrator. 47 C.F.R. § 54.504. The collection of information items from the Commission's authority under Section 254 of the Communications Act of 1934, as amended. 47 U.S.C. § 254. The data in the report will be used to ensure that schools and libraries comply with the competitive bidding requirement contained in 47 C.F.R. § 54.504. All schools and libraries planning to order services eligible for universal service discounts must file this form themselves or as part of a consortium.

An agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a currently valid OMB control number.

The FCC is authorized under the Communications Act of 1934, as amended, to collect the information we request in this form. We will use the information you provide to determine whether approving this application is in the public interest. If we believe there may be a violation or a potential violation of a FCC statute, regulation, rule or order, your application may be referred to the Federal, state, or local agency responsible for investigating, prosecuting, enforcing, or implementing the statute, rule, regulation or order. In certain cases, the information in your application may be disclosed to the Department of Justice or a court or adjudicative body when (a) the FCC, or (b) any employee of the FCC, or (c) the United States Government is a party of a proceeding before the body or has an interest in the proceeding. In addition, information provided in or submitted with this form or in response to subsequent inquiries may also be subject to disclosure consistent with the Communications Act of 1934, FCC regulations, the Freedom of Information Act, 5 U.S.C. § 552, or other applicable law.

If you owe a past due debt to the federal government, the information you provide may also be disclosed to the Department of the Treasury Financial Management Service, other Federal agencies and/or your employer to offset your salary, IRS tax refund or other payments to collect that debt. The FCC may also provide the information to these agencies through the matching of computer records when authorized.

If you do not provide the information we request on the form, the FCC may delay processing of your application or may return your application without action.

The foregoing Notice is required by the Paperwork Reduction Act of 1995, Pub. L. No. 104-13, 44 U.S.C. § 3501, et seq.

Public reporting burden for this collection of information is estimated to average 4 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, completing, and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing the reporting burden to the Federal Communications Commission, Performance Evaluation and Records Management, Washington, DC 20554.

Please submit this form to:

SLD-Form 470
P.O. Box 7026
Lawrence, Kansas 66044-7026
1-888-203-8100

For express delivery services or U.S. Postal Service, Return Receipt Requested, mail this form to:

SLD-Form 470
c/o Ms. Smith
3833 Greenway Drive
Lawrence, Kansas 66046
1-888-203-8100

FCC Form 470
May 2003

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Year 2003
Proposal

SEND Technologies LLC
2904 Evangeline Street
Monroe LA 71201
(318) 340-0750 (318) 340-0580 FAX

January 27, 2003

Mr. Talton Barron
Technology Coordinator
Jackson Parish School Board
P.O. Box 705
Jonesboro LA 71251

Dear Mr. Barron:

In response to your Year 2003 471 Request for Proposals for Internet Service, SEND Technologies, L.L.C. is pleased to offer options for continuation of INTERNET services for the school district. We appreciate the opportunity to continue service and pledge our dedication to service for the district. The attached options are intended to help define your proposed networking requirements in order that we may provide your organization the best configuration and pricing proposal to access new technologies as they become available in the future.

SEND Technologies is currently providing high speed Internet services to over 180 locations in 16 school districts, private schools, public agencies, and commercial customers. We provide routing support for over 100 H.323 video conferencing units participating in the TLCF and LEARN grant projects and have partnered with regional Universities to sponsor over 100 teacher certification courses. We offer DS3 backbone service from Monroe and support all major equipment and software requirements for customers. Our current staff numbers 20 of which over half are CS/CIS/EE/MBA or Educational Technology professionals. Most important, however, owners of the company and key personnel are all former educators and education is our primary purpose.

SEND currently supports over 150 T1 lines for customers, but we are also offering support for wireless Internet access. SEND is a registered Avaya Dealer and therefore carries the full support of the Avaya (formerly Lucent Technologies) network. Lucent Technologies pioneered wireless broadband with AT&T and offers the best wireless equipment and software in the industry. In addition, SEND is a Dealer for Howard Computers to provide State Contract equipment and services. SEND also represents Momentum Business Solutions as a BellSouth reseller for telephony and long distance services. In summary, SEND Technologies stands ready to provide complete professional services and comprehensive product line support for the

AR0016

educational customer.

The attached Proposal and Options are a summary of the common items to be addressed in an ISP service. The options and description of services include options as requested in an Internet RFP. Please note that many of the options requested involve a much higher level of service than the traditional ISP offers, but these services are necessary for effective network utilization. In addition to Internet Services, SEND Technologies can provide equipment, installation, and maintenance services upon request.

Please examine the issues involved in networking and INTERNET access and I believe you will agree that the service proposal is a valid, cost effective solution for the district. Please feel free to contact me at any time if you have any questions. SEND Technologies will provide a detailed cost proposal based on the options and services you request. We look forward to our continued relationship in the future.

Sincerely,

Mark Stevenson
President
(318) 340-0750 (Voice)
(318) 340-0580 (FAX)
msteve@sendtech.net (E-MAIL)

Attachments:

- (1) Proposals & Options
- (2) Network Feasibility Assessment (NFA)
- (3) Model Wireless Network diagram
- (4) Model of Video Conferencing for TLCHF
- (5) Avaya and Send Technologies Powerpoint
- (6) Network Presentation Powerpoint

**SEND TECHNOLOGIES
PROPOSAL OPTIONS
Jackson Parish School District
January 27, 2002**

EXECUCTIVE SUMMARY

SEND Technologies proposes to provide Internet access services under a high speed wireless lease option. As a secondary option, SEND Technologies will provide Internet access with T1 connection to schools. Connection to ISP services under the T1 option will be direct links to the ISP or T1 links from schools to the Central Office and an aggregated 3 Mbit link between the Central Office and the ISP. Costs and terms for all options are shown under the costs section of the proposal. Under any option selected, ISP services will provide functions as outlined in the proposal.

SEND Technologies offers a secondary proposal for consideration to provide onsite maintenance services beyond ISP support. The proposal is intended to provide supplemental support for existing district personnel. Please note the onsite maintenance service proposal is independent of proposed ISP services.

Three options are available for configuration of Internet Service. The district may elect to provide Internet service with T1 links under two options or with a wireless option. Any option provides advantages and disadvantages.

OPTION PLAN "A" – High Speed Wireless Configuration

The district may elect for each school to connect from the school to the District Central Office with an 11 Mbit wireless link and connect from the Central Office to the ISP with a 72 Mbit wireless link. Key points of the option are:

- Any failure between the school and Central Office will only affect a single school.
- Only a complete failure of 72 Mbit backhaul link can cause failure of ISP link.
- Backhaul link employs OFDM methodology for very resilient transmission.
- Backhaul link will automatically adjust downward for severe interference.
- All wireless equipment is SNMP capable and will be monitored 24/7 by the ISP.
- Tower equipment is required at all sites; tower and equipment can only be leased.
- Wireless equipment is required at all sites; equipment can only be leased.
- Central routing equipment and programming at the district is required.
- High bandwidth Internet dependent services such as video conferencing or ASP services are available over the 72 MBit link with virtually no bandwidth limitations.
- Very high speed networking between schools, Central Office, and Internet.
- Existing T1 service and equipment can be re-deployed at any time if desired.
- ISP services all route through the Central Office.

- Service offered with higher costs for build-out in first year.

OPTION PLAN "A" - Plan Elements

Under the plan, each school would have an 11 Mbit link connected directly from the school to the District Central Office. An additional 72 Mbit full duplex link from the District Central Office to the ISP will provide Internet services. ISP service is provided with a 6 Mbit CIR guarantee and shared access to full 45 Mbit DS3 service. The ISP service would provide leased towers, wireless radio equipment, router replacements or enhancements and other equipment at schools as required under the end-to-end networking concept. Additional serial interfaces and CSU interfaces at the District Central Office would be provided by the ISP service under the end-to-end networking concept. Timeline for implementation is 30 – 60 days from order. **The Network Feasibility Assessment (NFA) provided with this proposal is based on Plan "A".**

COSTS – OPTION PLAN "A"

The lease cost of Internet Service under this plan is as shown in the table below for the five year term. The cost will be discounted under the ERATE plan with the district paying the assumed discount rate of 25%. In addition, the district is charged \$1,000.00 for Internet filtering and ineligible software and services that are not eligible under ERATE discount. The initial build out costs can be charged as a one time expense or amortized over the term of the lease. Charts for either are shown below.

If build out costs are amortized over the lease the costs are:

Option "A" 72 Mbit Costs

Lease Cost

Year 1 Cost

Option A

Wireless 72MB

Costs

Build-Out Cost

Lease Cost

Add BellSouth (3 Mbit)

Total Annual First Year

Build-Out Percentage

District Cost

Add: Internet Filtering & Ineligible

TOTAL DISTRICT COST

REDACTED

Option "A" 72 Mbit Costs

Lease Cost

Year 2 Onward

Lease Cost

Add Internet

Add BellSouth (3 Mbit)

Total Annual Cost after Year 1

Build-Out Percentage

District Cost

Add: Internet Filtering & Ineligible

TOTAL DISTRICT COST

If build out costs are charged the first year, the lease costs are:

Option "A" 72 Mbit Costs	Option A
Lease Cost	Wireless 72MB
Year 1 Cost	Costs
Build-Out Cost	
Lease Cost	
Add BellSouth (3 Mbit)	
Total Annual First Year	
Build-Out Percentage	
District Cost	
Add: Internet Filtering & Ineligible	
TOTAL DISTRICT COST	REDACTED

Option "A" 72 Mbit Costs
Lease Cost
Year 2 Onward
Lease Cost
Add Internet
Add BellSouth (3 Mbit)
Total Annual Cost after Year 1
Build-Out Percentage
District Cost
Add: Internet Filtering & Ineligible
TOTAL DISTRICT COST

A variation of the wireless plan ("A1") is to provide wireless connections from each school site to the district office, but then provide a 3 Mbit link from the district office to the ISP. Initial costs for the option are slightly lower for the district because of the cost of the T1 links instead of high speed wireless. In contrast, however, the bandwidth provided is only 3 Mbit instead of up to 28 T1 links with the high speed wireless. **This option is provided since it will most closely match the proposal of other competitors in wireless.** Those competitors are not Internet Service Providers and cannot effectively provide high speed to the Internet. Costs for this option are shown with the build out costs amortized over the lease or charged as a cost of the first year.

If build out costs are amortized over the lease the costs are:

Option "A" with 3 Mbit

Lease Cost

Year 1 Cost

Option A1

Wireless &

Bell 3 Mbit

Build-Out Cost

Lease Cost

Add BellSouth (3 Mbit)

Total Annual First Year

Build-Out Percentage

District Cost

Add: Internet Filtering & Ineligible

TOTAL DISTRICT COST

REDACTED

Option "A" with 3 Mbit

Lease Cost

Year 2 Onward

Lease Cost

Add BellSouth (3 Mbit)

Total Annual Cost after Year 1

District Cost

Add: Internet Filtering & Ineligible

TOTAL DISTRICT COST

If build out costs are charged the first year, the costs are:

Option "A" with 3 Mbit
Lease Cost
Year 1 Cost

Option A1
Wireless &
Bell 3 Mbit

Build-Out Cost
Lease Cost

Add BellSouth (3 Mbit)
Total Annual First Year
Build-Out Percentage
District Cost
Add: Internet Filtering & Ineligible
TOTAL DISTRICT COST

Option "A" with 3 Mbit
Lease Cost
Year 2 Onward
Lease Cost

REDACTED

Add BellSouth (3 Mbit)
Total Annual Cost after Year 1

District Cost
Add: Internet Filtering & Ineligible
TOTAL DISTRICT COST

OPTION PLAN "B" – Direct T1 Connection From Schools to ISP

The district may elect for each school to connect directly on a T1 link to the DS3 backbone at SEND. Key points of the option are:

- Any failure will only affect a single school.
- Each school will have direct access to the DS3 backbone.
- No central routing at the district is required.
- Relatively high bandwidth Internet dependent applications such as video conferencing or ASP services are available over a T1 link.
- Existing T1 service can be re-deployed at any time if desired.
- District Central Office services all route through the ISP.
- School bandwidth limited to the 1.54 Mbit of T1.

OPTION PLAN "B" - Plan Elements

Under the plan, each school would have a T1 link connected directly from the school to the ISP. Existing routers would be employed. The ISP service would provide a leased T1 CSU and serial interface as required under the end-to-end networking concept.

OPTION PLAN "C" – T1 Lines in Aggregated Star Configuration

The district may elect for each school to connect from the school to the District Central Office with a 3 Mbit link from the Central Office to the ISP. Key points of the option are:

- Any failure between the school and Central Office will only affect a single school.
- Only a failure of both links in the 3 Mbit link would cause failure of ISP link.
- Central routing equipment and programming at the district is required, but can be provided under ISP lease.
- High bandwidth Internet dependent applications such as video conferencing or ASP services are available over the 3 Mbit link, but with bandwidth limitations.
- ISP services all route through the Central Office.

OPTION PLAN "C" - Plan Elements

Under the plan, each school would have a T1 link connected directly from the school to the District Central Office. An additional 3 Mbit line from the District Central Office to the ISP will provide Internet services. Leased routers, CSU's and primary switches will be provided under the lease. Timeline for implementation is approximately 30 days from BellSouth order. This option is currently in place for the district.

COSTS – OPTION PLAN “B” or “C”

The lease cost of Internet Service under Option Plan “B” or “C” is as shown below for the five year term. The cost will be discounted under the ERATE plan with the district paying the assumed discount rate of 25%. In addition, the district is charged \$1,000.00 for Internet filtering and ineligible software and services that are not eligible under ERATE discount.

Build out costs for Options B or C are currently amortized over the lease. Your costs are:

**Jackson Parish
Option "B" or "C" With 3 Mbit
T1 & Internet Costs
Year 1 - 5 Cost**

**Option B & C
Bell T1 &
3 Mbit**

**Build-Out Cost
Lease Cost**

**Add BellSouth T1 Links
Total Annual First Year
Build-Out Percentage
District Cost
Add: Internet Filtering & Ineligible
TOTAL DISTRICT COST**

REDACTED

(There is no build out cost to consider for charge out the first year).

SUMMARY OF INTERNET COSTS – BUILDOUT AMORTIZED

Option & Costs	Option A	Option A1	Option B & C
Lease Cost	Wireless 72MB	Wireless &	Bell T1 &
Year 1 Cost	Costs	Bell 3 Mbit	3 Mbit
Build-Out Cost			
Lease Cost			
Add BellSouth (3 Mbit)			
Total Annual First Year			
Build-Out Percentage			
District Cost			
Add: Internet Filtering & Ineligible			
TOTAL DISTRICT COST		REDACTED	

Options & Costs
Lease Cost
Year 2 Onward
Lease Cost
Add Internet
Add BellSouth (3 Mbit)
Total Annual Cost after Year 1
Build-Out Percentage
District Cost
Add: Internet Filtering & Ineligible
TOTAL DISTRICT COST

SUMMARY OF INTERNET COSTS – BUILDOUT CHARGED YEAR 1

Options & Costs	Option A	Option A1	Option B & C
Lease Cost	Wireless 72MB	Wireless &	Bell T1 &
Year 1 Cost	Costs	Bell 3 Mbit	3 Mbit
Build-Out Cost			
Lease Cost			
Add BellSouth (3 Mbit)			
Total Annual First Year			
Build-Out Percentage			
District Cost			
Add: Internet Filtering & Ineligible			
TOTAL DISTRICT COST		REDACTED	

Options & Costs
Lease Cost
Year 2 Onward
Lease Cost
Add Internet
Add BellSouth (3 Mbit)
Total Annual Cost after Year 1
Build-Out Percentage
District Cost
Add: Internet Filtering & Ineligible
TOTAL DISTRICT COST

RECOMMENDED OPTION(S)

SEND Technologies LLC can provide services under any of the options listed above. It is understood, however, that the district seeks very high speed Internet access in order to provide new Internet network services to students. Internet dependent services such as video conferencing, virtual classrooms, and computer based learning can saturate BellSouth T1 links very quickly. As an example, two video conferencing sessions communicating over the Internet at 30 frames/second can consume half of a T1 link. Other services offer similar bandwidth consumption. For these reasons, it is recommended that the district select Option "A" to allow the highest bandwidth available to the Internet.

TECHNICAL SUPPORT OPTION

SEND Technologies LLC can provide for technical support services to support Internal Connections within the district as allowed by the SLD. If submitted for funding by the SLD, the technician is assigned to maintenance of eligible equipment. If provided under contracted services, SEND Technologies will be responsible for all salary, benefits, travel, insurance, training and general support of the technician. The only obligation of the district will be minor allowance for working space and coordinating access to buildings. Please note that an onsite technician is proposed for Internal Connections and/or general contracting. Internet access maintenance is the responsibility of the ISP. Onsite services are a complex offering and must be weighed carefully to meet guidelines for various funding sources. We welcome the opportunity to discuss your needs.

"ONSITE" TECHNICAL SUPPORT COSTS

Costs for options outlined above are presented in the table below. The district discount percentage may reduce the amount paid by the district, but internal connections are currently only being funded by the SLD for 90% school districts. Please note the SLD currently evaluates onsite technical support personnel costs very strictly. The district should be aware the SLD may not provide discount funding for dedicated onsite technical support personnel. The SLD will normally provide funding for maintenance contracts for eligible equipment.

Onsite Technical Support onsite costs are:

Onsite Technical Support	One Day	Two Days	REDACTED	
Per day 1 - 2 Days/Week				
	Three Days	Four Days	Five Days	
Per day 3 - 5 Days/Week				REDACTED

INTERNAL CONNECTIONS MAINTENANCE COSTS

The SLD will allow reasonable costs for a maintenance contract for eligible equipment. The following quotation provides a maintenance contract for repair and/or replacement of eligible equipment and general network wireplan maintenance. A specific list of equipment and wireplan drops must be attached for documentation purposes for SLD records.

Internal Connections maintenance costs are:

Internal Connections Maintenance Support Contract

Number of Sites Supported

Cost Per Site

Total Cost

District Cost

REDACTED

GENERAL INTERNET PROPOSAL TERMS

1. Proposed term is 5 years from July 1, 2003 for Options "A" and "A1"; 3 years for "B" or "C".
2. Proposal cost is quoted on an annual basis due to fixed cost commitments from the ISP.
3. SEND Technologies and the customer are required to execute a written contract for services with contract to be included in the 471 Application. The contract will provide a disclaimer such that implementation of contract is contingent upon ERATE funding.
4. All equipment and towers are furnished under SLD guidelines for leased equipment for Internet Access. Under those guidelines, the customer may not acquire ownership of equipment. Other guidelines from the SLD may apply. SEND Technologies and the customer must comply with all such guidelines.
5. Contract may be accepted by customer and implementation begun by SEND Technologies prior to notice of ERATE funding based on express authorization by customer. In such case, SEND Technologies and customer will negotiate terms of proposal based on contingent funding by ERATE.
6. SEND Technologies will provide Service Level Agreement (SLA) commitment to guarantee satisfactory performance levels.
7. SEND Technologies will guarantee SLA performance levels for wireless solutions. In the event performance levels are not satisfactory, SEND Technologies will allow reversion to T1 services as described under the "Options B & C" at no additional cost to the customer.
8. SEND Technologies will be responsible for all tower and related installation. SEND Technologies is fully insured under Louisiana Workman's Comp and carries general liability to provide assurance of work coverage. Proof of insurance from SEND Technologies and/or any subcontractors will be furnished upon request.

9. School site towers will be assumed to be located on school property.
10. Central site tower(s) may not be on school property if other geographical location provides better functionality.

GENERAL SPECIFICATIONS FOR WIRELESS EQUIPMENT

TOWERS

The key elements to wireless implementation are tower construction, quality radio selection, professional installation and maintenance. Tower design is primarily of two types. The "guy" tower is the traditional radio tower with guy wires. The alternative is the self supporting design or the metal pole design. For the reasons discussed below, the self supporting design is preferred.

SEND Technologies will recommend deployment of the Sabre and/or Titan series self supporting tower or equivalent Pole tower configuration. The general design for the towers will be a 150 + foot Sabre ST3L at the district central location and smaller Titans at each of the school locations. Actual deployment may differ, however, based on the needs at each location. Sabre and Titan are leading brand names for towers utilized by major telcom, Internet, military, and government sites. For this application, the self supporting design is superior to traditional "guy" towers as the tower carries strength sufficient not to require supporting "guy wire" cables. The Pole tower is a variation of the self supporting configuration where the entire tower is one round steel pole that is anchored into the ground with wiring running inside the pole.

Convenience of placement is a concern in tower specification selection. The footprint of a self supporting tower is a concrete pad of 12' square or less whereas a traditional guy tower requires over 120' of coverage in order to anchor guy wires at three locations on the campus. At each of the three locations for anchoring a guy tower, there must be a sunken concrete pad and anchor mast.

Safety and liability are primary concerns of any tower construction. Self supporting towers are rated for hurricane force wind loads and secured by over 9 cubic yards of concrete and reinforcing rod. Guy towers are secured by cables that are subject to tension adjustments. Breakage of any guy wire can result in tower collapse in a school environment where hundreds of children are at risk.

Network performance is also a major concern with tower construction. Wireless transmissions are a precise alignment of radio transmitters and receivers. Wind conditions may cause considerable degradation of transmission performance if the tower torques with wind shear. Self supporting towers provide a much more stable platform with very little "twist", even during wind shear conditions. Guy towers are susceptible to wind shear torque because of the nature of cable guy wire construction.

Cost of any tower placement must be considered in light of convenience, safety, liability, and

performance needs. The initial cost of self supporting towers is higher than the cost of a guy tower. The long term cost of a self supporting tower is lower, however, as there is much less maintenance, longer life, and fewer liability concerns. For these reasons, SEND Technologies proposes to install self supporting towers or the equivalent Pole configuration as part of the leased Internet service.

WIRELESS EQUIPMENT and SERVICE

Quality of the wireless equipment is paramount to the successful implementation of a high bandwidth network. SEND Technologies proposal is based on Lucent/Avaya 2.4 GHz multipoint distribution system to provide 11 Mbit service in a minimum of three sectorized zones in the district. Each school site will have compatible matched equipment.

The 72 Mbit backhauls will be performed utilizing Redline Communications or equivalent hardware and software. The systems utilize OFDM protocol modulation to provide superior performance even in adverse conditions. The protocol will automatically adjust to continue service even if the signal is corrupted by interference.

Security of the wireless operation is provided by several features. The wireless systems employ a proprietary direct sequencing modulation technique that is unique to vendor. In addition, WEP and/or VPN can be invoked for added encryption security. The alignment of towers and radio links also mean an intruder would have to go to great lengths to obtain line of sight of the signal itself.

Wireless installations will be fitted with lightning arrestors, UPS systems, and remote monitoring power and environment managers. Equipment will be SNMP manageable and monitored on a 24x7 basis. Spare parts stores are maintained sufficient to meet needs for advance replacement. Equipment repair dispatching will be available on a 7 day per week basis if the customer can provide access to facilities. SEND has implemented a work-order tracking system, but more importantly, live technical support is available at any time through office support or paging after hours.

GENERAL SERVICES PROVISIONS (ALL OPTIONS)

Internet Access provides the individual customer with a variety of Internet services

A. Comprehensive Mail Management Service:

Customers can assign one or more persons to be the mail account administrators who can add new email accounts for the customer, update the individual email account information, change the email account password, and delete the individual email account. Individual users can change passwords and perform lookups of other mail users.

Mail service is offered as a POP3 service where mail host servers reside at the ISP and the user downloads mail with each login. Once downloaded, the mail is cleared from the server. Mail service is also offered as Web-based service where each user maintains mail on the server and accesses mail through a Web browser. Mail may be left on the server, or downloaded to the user machine.

B. WWW Service:

Provides world wide web page hosting for the individual customer in the pre-defined directories on the Internet server. Each user who has email account can post a professional home pages by a FPT of the web page into his home directory of the Internet server. The WWW Server provides automated web logging.

Selected users can write their own CGI programs with some restrictions due to security issues. The Common Gateway Interface (CGI) is a standard for interfacing external applications (CGI programs) with the web server. A CGI program can be written in C/C++, PERL, and any UNIX shell and is executed in real-time, so that it can output a dynamic active web page. The server provides access to PostgreSQL database engine. PostgreSQL is an SQL (Structured Query Language) relational database management system.

All users can create their dynamic web pages with PHP3. PHP (Professional Home Page) is a server-side HTML embedded scripting language that lets you write simple scripts right in your HTML file. The goal of the PHP3 is to provide an extremely powerful and fast alternate to CGI programming by allowing end users to create dynamically generated pages quickly. In addition, PHP3 supports embedding PostgreSQL SQL queries directly in the HTML files, so it allows end users to build web database applications like guest book easier and faster.

The system supports Microsoft FrontPage extensions for 1999 – 2002 series code generators.

C. Domain Names Service:

Provides domain name service for the servers of the customer such as the ftp servers and web servers. Customers can name their own servers as long as the host names are unique in the domain **sendtech.net** in the following convention:

xxxxxxx.sendtech.net
where xxxxxxx is the host name of the server.

Additionally, the DNS supports hosting of virtual domains. The ISP will register and support the public domain for any customer as part of regular service. SEND Technologies is responsible for maintenance of the "k12.la.us" domain for State of Louisiana school districts and will provide changes for any school in the State.

D. Common TCP/IP Application Services:

TELNET, FTP, AND POP services are all supported.

The Routing servers provide the individual customers with a variety of security and Internet services:

1. IP Addressing

The server circumvents the official IP address shortage and protects the private customer networks from the public (Internet) network. The ISP servers implement the IP Masquerade feature that enables the computers behind the firewall to reach the Internet, even though they have no official assigned IP addresses. The security of a masquerading stateful inspection service is much better than a packet filter based service.

2. IP Network Address Translation

The ISP servers provide the incoming connections from the Internet to the customer's (WEB, FTP and etc) servers which are located behind the ISP. The ISP servers implement Static NAT (Network Address Translation) that create a one-to-one mapping of unregistered server IP address to a official registered IP address, so that outside incoming connection can be established to the internal servers. The effect of the design is to conserve scarce registered IP addresses and provide for very easy network expansion for the customer.

3. Domain Name Service

The system provides a secondary and internal Domain Names Service.

4. Web Cache

The ISP service provides global web caching service. The effect of this service is to minimize the number of times that a WEB based application must traverse the INTERNET. In common practice, web caching will reduce INTERNET traffic by 60% to 70%. Please note that global web caching is a function at the ISP to provide better performance, the district is not provided with internal web cache servers.

5. Internet Content Filtering

Internet content filtering is now a legislated requirement for many institutions. SEND utilizes the SmartFilter server-based filtering system for all users in the network with comprehensive reporting and security. The service will provide for filtering on the three principles of subscription service table updates, site rating, and keyword search. Please note that this service is not implemented as a value-added service for the customer, but it provided as part of the

ancillary, integrated services of SEND. The service does not have to be utilized by the customer.

Additionally, each customer will be allowed to select from a variety of methods and filtering options. First, the customer may elect not to have filtering on a particular location, or on specific computers within a location. In such a case, the only action required by the customer will be to inform the provider which address(es) are to be exempted.

Second, the customer may elect to implement filtering at the local site level. In such a case, the actions required will be to inform the provider which address(es) are to be exempted. The customer will also install the filtering software on the local server(s), program the local machines, and maintain the filtering services. Additional license costs may be incurred by the customer under this option.

Third, the customer may elect to allow the ISP to implement filtering at the ISP level and manage updates from a subscription service. In the third option, the customer will only have to set each computer to point to a proxy server at the ISP level. The firewall service of SEND will not allow users to disable the proxy service and bypass the content filtering features. In a similar manner, TELNET, FTP, and related programs will not be able to bypass the content filtering features.

In all cases, management reporting features will allow the customer to monitor attempts to access unacceptable sites and custom table features will allow a supervisor to grant override access to sites the subscription service tagged inappropriate.

Please note Internet content filtering is not be eligible for ERATE funding and is priced separately.

E. NETWORK SUPPORT

The district has requested the Internet vendor to be a single point of service providing end to end service from the Internet to each school. Under this request, the vendor will provide and be responsible for all equipment, services, maintenance and installation necessary for Internet operation.

SEND is capable of providing all required services. The cost of network support of the site routers is included in the basic monthly charge for Internet services. SEND will provide ongoing internet support for the customer to program, troubleshoot, and monitor the network operation with the Internet services. With this service, SEND will provide help desk support for internet users in normal operations as requested. In the event that the customer requests on-site services for non-eligible hardware maintenance or local programming support, normal time and materials would be assessed.

F. ISP SERVICES

SEND is currently providing services in Monroe through a DS3 link direct to the UUNET backbone in Dallas. SEND also maintains secondary routing capability in case UUNET services are not available. SEND will provide costs under the options described for the district.

G. Company Service and Support

When evaluating networking services such as the INTERNET, there are several components of service and cost to be considered. The most basic element of service is actual access to a network provider Point-of-Presence (POP) so that your customers and staff can reach outside the local site. If the customer chooses to route all traffic through a single POP such as in the local customer office, the customer assumes all responsibility for support of the network and all services beyond the demark point of the customer office.

The second service to be considered is programming and support for the network within the customer network itself. The programming and support involves managing the Bell FlexService, Frame Relay, or other service lines, programming and troubleshooting routers at the central office and/or customer site level, and networking software support at the customer site level. Each customer must assume these services as the typical POP service provider does not offer these service as part of the current networking package unless the customer purchases a separate POP for each location served.

The third service to be considered is providing network server support for users within the customer organization. For users to be able to function within the INTERNET, the customer must have server support for operating functions such as address assignments and translations, mail routing and storage, file transfer services, and WEB page and even optional filtering service and support. Perhaps the most important aspect of this type of service support is that it is changing daily with new operating systems, networking software, and communications protocols. Each customer must assume these services for users within the respective organization.

The technicians and analysts associated with SEND have developed an expertise based on over 15 years of commitment to networking design and implementation of services. These services involve IBM and Macintosh computers operating over a variety of network protocols, connecting to Novell, NT, and UNIX operating systems. Routing equipment for the provider is the newest line of Nortel and Cisco equipment which is capable of supporting substantial traffic. The networking file servers are Dell PowerEdge Network Servers with equipped with power, memory, and disk redundancies. Major applications of electronic mail, file transfer and WEB services are supported and the systems are available 24 hours per day, with down time only for routine maintenance. The professional staff of the organization are supported by contract analysts and backup support from Nortel Networks. Training support, if needed, is available direct from the organization and through contract support.

SEND is standardized on Nortel Networks and Cisco routers for management and programming support. The company supports Intel-based servers under the Windows NT/2000 operating

system for customer network support. In addition, the company will provide general technical software support for the Mac, Windows 3.11, Windows 95, and Windows NT end node IP stack software. The variables involved in the cost of INTERNET service include the number of connections, type of line services, and the degree of network support desired.

TECHNICAL AND MANAGERIAL STAFF

Mark Stevenson – President

Education – BBA/Accounting; MBA

Work History – Interned at ULM in Computer Center (MBA); employed 15 years at Ouachita Parish School Board established computing center and all administrative and academic computing services at district; employed 8 years at Monroe City School Board implemented 6 million dollar technology program linking 20 schools and over 3,000 network points; State evaluator for DANS, CBTF, TLCF programs; extensive technology consulting in wholesale, financial, insurance and related industries.

Tze Hung Sit (Albert) – Vice President – Technical Services

Education – BS/Civil Engineering; BS/Computer Science; MS/Computer Science

Work History – Employed 10 years at Ouachita Parish School Board, established WAN and programming services at district; employed 10 years at Monroe City School Board designing and implementing model networking programs; extensive corporate consulting designing in wholesale, financial, insurance and related industries; primary systems designer for SEND Technologies Internet and WAN services.

Bobby Earle – Vice President – Customer Relations

Education – BS – Medical Technology; MED – Education Guidance & Counseling

Related Certifications – Chemistry, Biology, Science, Counseling, Instructional Supervisor, Parish Superintendent; Certified Evaluator; State Notary

Work History – Employed 15 years as technical sciences teacher; State DOE Administrative Officer 7 years; Instructional Supervisor and Technologist Union Parish 16 Years; primary contact for SEND Technologies customer relations and support.

Kim Smalling – Accountant

Education – BA/Accounting; MBA

Related Certifications – Lasbo CSBO; State Notary

Work History – Employed 22 years in Ouachita Parish and Monroe City as Chief Accountant responsible for over \$50 million per year in budget covering over 50 funds; responsible for general accounting.

Teresa Edwards – Customer & Instructional Support

Education – BS/Pre-Medicine Biology; ME/Biology/Math; 60+ Graduate hours

Work History – Employed over 20 years as teacher and Technology Coordinator in private school sector; ULM Instructor in Science/Education, employed 2 years at SEND Technologies; implemented TLCF & LEARN video conferencing/teacher training programs serving over 400 teachers, primary trainer and customer support for educational Internet systems.

Mary Hoff – Customer Support

Work History – Employed 30 years in Ouachita Parish and Monroe City providing end user support; employed 3 years at SEND Technologies providing general end user support.

Michael Boudreaux – Technical Staff

Education – BS/Computer Science

Work History – Employed 3 years at Monroe City as computer and network technician; employed 4 years at SEND Technologies; primary technical support for email, proxy, firewall, filtering, and related services.

D.L. Bosworth – WAN Engineer; Technical Staff

Education – BS/Electrical Engineering

Work History – Employed 4 years at SEND Technologies as primary WAN/Internet engineer and in-house Internet support; responsible for over 200 routed sites.

Wayne Kairdolf – Wireless Engineer; Technical Staff

Education – BS/Electronics Engineering; BBA/Accounting

Related Certifications – CNE (Wireless); CCNA; MCSE; MCP; A+ Certified

Work History – Employed 4 years in various wireless engineering roles; designed and implemented Northeast Net and Bayou Internet wireless networks; various wireless networks for colleges and universities; primary researcher and wireless network designer for SEND Technologies.

Tom Robinson – Internet Network Design & Sales

Work History – Employed over 20 years in various telco roles; designed and implemented the original LANET network for State of Louisiana including all wireline and wireless components; Louisiana State Manager for Network Telephone integrating voice and data products, primary field research and sales contact for SEND Technologies.

Matt Sanches – Technical Staff

Education – BS/Computer Science

Work History – Employed 4 years at Monroe City providing network support services; employed at SEND Technologies 4 years providing inhouse and field support for all Internet installation and support services.

Chad Ford – Technical Staff

Education – BS/Computer Science

Work History – Employed with SEND Technologies for three years providing field support for Internet, video conferencing, and related services; worked with LEARN project for implementation of all IP video services.

John Grissom – Technical Staff

Related Certifications – A+ Certified; (Wireless) Tower Certified; Novell CNA; LAN/WAN certified.

Work History – Experience through various groups in LAN/WAN services for 10 years; Employed at SEND Technologies two years providing field support for Internet services.

Marcus Reed – Technical Staff

Education – BS/Computer Science (Spring, 2003)

Work History – Employed at SEND Technologies two years supporting video conferencing, Blackboard, WEB development, network troubleshooting.

William Ayers – Technical Staff

Related Certifications – A+ Certified, MCSE

Work History – Employed over 20 years in industry; last 7 years with Time Trend supporting school networks; employed with SEND Technologies 1 year providing field support for networks.

James Farrar – Wire Services Installation

Work History – Employed 2 years at SEND Technologies; trained and proficient in CAT 5 and fiber installation.

Steve Fife – Wire Services Installation

Work History – Employed 1 year at SEND Technologies in CAT 5 installation.

CUSTOMER REFERENCES

The following schools are reference customers of SEND Technologies. All districts except two schools with all T1 lines either in star configuration or direct to SEND.

District	Schools	Students
Bienville Parish Schools	9	2605
Caldwell Parish Schools	6	1907
Catahoulla Parish Schools	10	1920
Claiborne Parish Schools	11	2881
Concordia Parish Schools	10	3968
DeSoto Parish Schools	13	5099
Franklin Parish Schools	9	3387
Jackson Parish Schools	7	2595
Lincoln Parish Schools	15	5926
Madison Parish Schools	7	2608
Morehouse Parish Schools	15	5452
Richland Parish Schools	11	3810
Tensas Parish Schools	4	895
Webster Parish Schools	22	7785
Winn Parish Schools	8	2976
TOTALS	157	53,814

Schools and Libraries Universal Service Program

Services Ordered and Certification Form 471

Application Display

Block 1: Billed Entity Information

Applicant's Form Identifier: 2003-JPSD-2

471 Application Number: 376220

Cert. Postmark Date: 02/06/2003

Out of Window Letter Date: Not applicable

Funding Year: 07/01/2003 - 06/30/2004

Form Status: CERTIFIED - In Window

Billed Entity Number: 139315

RAL Date: 03/10/2003

Name: JACKSON PARISH SCHOOL DISTRICT
Address: 315 PERSHING HWY
City: JONESBORO **State:** LA **Zip:** 71251

Contact Name: TALTON BARRON
Address: 315 PERSHING HWY
City: JONESBORO **State:** LA **Zip:** 71251

Type of Application: SCHOOL DISTRICT

Ineligible Orgs: N

Block 3: Impact of Services Ordered in THIS Application

Number of students to be served: 2472

Number of library patrons to be served:

SERVICE DESCRIPTION	BEFORE ORDER	AFTER ORDER
a. (Schools/districts/consortia only) Telephone service: How many classrooms had phone service before and after your order?	0	0
b. High-bandwidth voice/data/video service: How many buildings served before and after your order?	41	41
c. High-bandwidth voice/data/video service: Highest speed to a building before and after your order?	T1	T1
d. Dial-up Internet connections: How many before and after your order?	8	8
e. Dial-up Internet connections: Highest speed before and after your order?	33K	33K
f. Direct connections to the Internet: How many before and after your order?	9	9
g. Direct connections to the Internet: Highest speed before and after your order?	T1	T1
h. Internet access(for schools): How many rooms have Internet access before and after your order?	260	262
i. Internet Access: How many computers (or other devices) with Internet access before and after your order?	867	942
k. Other technology outcomes: (please specify):	0	0

Block 4: Worksheets

Worksheet A No: 492071 **Student Count:** 2472
Weighted Product (Sum. Column 8): 1879.2 **Shared Discount:** 76%

1. School Name: CHATHAM - JASPER HENDERSON SCHOOL
2. Entity Number: 222824 **3. Rural/Urban:** Rural
4. Student Count: 240 **5. NSLP Students:** 194 **6. NSLP Students/Students:** 80.833%
7. Discount: 90% **8. Weighted Product:** 216

1. School Name: HAWK PRIMARY SCHOOL
2. Entity Number: 81638 **3. Rural/Urban:** Rural
4. Student Count: 238 **5. NSLP Students:** 178 **6. NSLP Students/Students:** 74.789%
7. Discount: 90% **8. Weighted Product:** 214.2

1. School Name: JONESBORO HODGE HIGH SCHOOL
2. Entity Number: 81637 **3. Rural/Urban:** Rural
4. Student Count: 420 **5. NSLP Students:** 251 **6. NSLP Students/Students:** 59.761%
7. Discount: 80% **8. Weighted Product:** 336

1. School Name: JONESBORO HODGE JR HIGH SCHOOL
2. Entity Number: 81636 **3. Rural/Urban:** Rural
4. Student Count: 299 **5. NSLP Students:** 228 **6. NSLP Students/Students:** 76.254%
7. Discount: 90% **8. Weighted Product:** 269.1

1. School Name: QUITMAN SCHOOL
2. Entity Number: 81665 **3. Rural/Urban:** Rural
4. Student Count: 512 **5. NSLP Students:** 129 **6. NSLP Students/Students:** 25.195%
7. Discount: 60% **8. Weighted Product:** 307.2

1. School Name: SOUTHSIDE ELEMENTARY SCHOOL
2. Entity Number: 81639 **3. Rural/Urban:** Rural
4. Student Count: 263 **5. NSLP Students:** 216 **6. NSLP Students/Students:** 82.129%
7. Discount: 90% **8. Weighted Product:** 236.7

1. School Name: WESTON SCHOOL
2. Entity Number: 81640 **3. Rural/Urban:** Rural
4. Student Count: 500 **5. NSLP Students:** 131 **6. NSLP Students/Students:** 26.200%
7. Discount: 60% **8. Weighted Product:** 300

Block 5: Discount Funding Request(s)

FRN: 1030905 FCDL Date: 06/02/2004
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11. Category of Service: Internet Access	12. 470 Application Number: 181630000366888
13. SPIN: 143010002	14. Service Provider Name: Send Technologies, L.L.C.
15. Contract Number: SEND2002-13	16. Billing Account Number: 318-259-4456
17. Allowable Contract Date: 11/13/2001	18. Contract Award Date: 01/08/2002
19a. Service Start Date: 07/01/2003	19b. Service End Date:
20. Contract Expiration Date: 06/30/2005	
21. Attachment #: 2003-1IA	22. Block 4 Worksheet No.: 492071
23a. Monthly Charges: \$5,016.00	23b. Ineligible monthly amt.: \$.00
23c. Eligible monthly amt.: \$5,016.00	23d. Number of months of service: 12
23e. Annual pre-discount amount for eligible recurring charges (23c x 23d): \$60,192.00	
23f. Annual non-recurring (one-time) charges: \$.00	23g. Ineligible non-recurring amt.: \$.00
23h. Annual pre-discount amount for eligible non-recurring charges (23f - 23g): \$0.00	
23i. Total program year pre-discount amount (23e + 23h): \$60,192.00	
23j. % discount (from Block 4): 76	
23k. Funding Commitment Request (23i x 23j): \$45,745.92	

Block 6: Certifications and Signature

24a. Schools: Y
 24b. Libraries or Library Consortia: N
 26a. Individual Technology Plan: Y
 26b. Higher-Level Technology Plan(s): N
 26c. No Technology Plan Needed:
 27a. Approved Technology Plan(s): N
 27b. State Approved Technology Plan: Y
 27c. No Technology Plan Needed:

<< Previous

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FCC Form

Approval by OMB
3060-0808

470

Schools and Libraries Universal Service Description of Services Requested and Certification Form

Estimated Average Burden Hours Per Response: 4.0 hours

This form is designed to help you describe the eligible telecommunications-related services you seek so that this data can be posted on the Fund Administrator website and interested service providers can identify you as a potential customer and compete to serve you.

Please read instructions before beginning this application.

(To be completed by entity that will negotiate with providers.)

Block 1: Applicant Address and Identifications

Form 470 Application Number: 777870000468296

Applicant's Form Identifier: JACKSON470

Application Status: CERTIFIED

Posting Date: 11/13/2003

Allowable Contract Date: 12/11/2003

Certification Received Date: 11/13/2003

1. Name of Applicant:

JACKSON PARISH SCHOOL DISTRICT

2. Funding Year:

07/01/2004 - 06/30/2005

3. Your Entity Number

139315

4a. Applicant's Street Address, P.O.Box, or Route Number

315 PERSHING HWY

City

JONESBORO

State

LA

Zip Code

71251

b. Telephone number

(318) 259-4456

c. Fax number

(318) 259-4514

d. E-mail Address

5. Type Of Applicant

☐ Individual School (individual public or non-public school)

☒ School District (LEA; public or non-public [e.g., diocesan] local district representing multiple schools)

☐ Library (including library system, library branch, or library consortium applying as a library)

☐ Consortium (intermediate service agencies, states, state networks, special consortia)

6a. Contact Person's Name: Talton Barron

First, fill in every item of the Contact Person's information below that is different from Item 4, above. Then check the box next to the preferred mode of contact. (At least one box MUST be checked.)

6b. Street Address, P.O.Box, or Route Number

315 PERSHING HWY

City

JONESBORO

State

LA

Zip Code

71251

6c. Telephone Number (318) 259-4456

6d. Fax Number (318) 259-4514

6e. E-mail Address tbarron@nls.k12.la.us

Block 2: Summary Description of Needs or Services Requested

7 This Form 470 describes (check all that apply):

a. ☒ Tariffed services - telecommunications services, purchased at regulated prices, for which the applicant has no signed, written contract. A new Form 470 must be filed for tariffed services for each funding year.

b. ☒ Month-to-month services for which the applicant has no signed, written contract. A new Form 470 must be filed for these services for each funding year.

c. ☒ Services for which a new written contract is sought for the funding year in Item 2.

d. ☒ A multi-year contract signed on or before 7/10/97 but for which no Form 470 has been filed in a previous program year.

NOTE: Services that are covered by a signed, written contract executed pursuant to posting of a Form 470 in a previous program year OR a contract signed on/before 7/10/97 and reported on a Form 470 in a previous year as an existing contract do NOT require filing of a Form 470.

What kinds of service are you seeking: Telecommunications Services, Internet Access, or Internal Connections? Refer to the Eligible Services List at www.sl.universalservice.org for examples. Check the relevant category or categories (8, 9, and/or 10 below), and answer the questions in each category you select.

8 ☒ Telecommunications Services

Do you have a Request for Proposal (RFP) that specifies the services you are seeking?

a. ☒ YES, I have an RFP. It is available on the Web at or via (check one):

☒ the Contact Person in Item 6 or ☐ the contact listed in Item 11.

b ☒ NO, I do not have an RFP for these services.

If you answered NO, you must list below the Telecommunications Services you seek. Specify each service or function (e.g., local voice service) and quantity and/or capacity (e.g., 20 existing lines plus 10 new ones). See the Eligible Services List at www.sl.universalservice.org for examples of eligible Telecommunications Services. Remember that only eligible telecommunications providers can provide these services under the universal service support mechanism. Add additional lines if needed.

Service or Function:	Quantity and/or Capacity:
Plain Old Telephone Lines	60 1FB & 1FR lines
Long Distance Service	9 Sites
T1 Circuits	9

9 ☒ Internet Access

Do you have a Request for Proposal (RFP) that specifies the services you are seeking?

a ☒ YES, I have an RFP. It is available on the Web at or via (check one):

☒ the Contact Person in Item 6 or ☐ the contact listed in Item 11.

b ☒ NO, I do not have an RFP for these services.

If you answered NO, you must list below the Internet Access Services you seek. Specify each service or function (e.g., monthly Internet service) and quantity and/or capacity (e.g., for 500 users). See the Eligible Services List at www.sl.universalservice.org for examples of eligible Internet Access services. Add additional lines if needed.

Service or Function:	Quantity and/or Capacity:
Monthly Internet Service	9 Sites, T1 access
E-mail	9 sites, bundled with Internet
Firewall Service	9 Sites
School level Maintenance/Installation	9 Sites, bundled with Internet

10 ☒ Internal Connections

Do you have a Request for Proposal (RFP) that specifies the services you are seeking?

a ☒ YES, I have an RFP. It is available on the Web at or via (check one):

☒ the Contact Person in Item 6 or ☐ the contact listed in Item 11.

b ☒ NO, I do not have an RFP for these services.

If you answered NO, you must list below the Internal Connections Services you seek. Specify each service or function (e.g., local area network) and quantity and/or capacity (e.g., connecting 10 rooms and 300 computers at 56kbps or better). See the Eligible Services List at www.sl.universalservice.org for examples of eligible Internal Connections services. Add additional lines if needed.

Service or Function:	Quantity and/or Capacity:
Maintenance Agreement for Network Service	9 Sites
Maintenance Agreement for Telephone Service	9 Sites
Routers	9
Switches	9
File Servers	9
Fiber wiring	9 sites
CSU/DSU	9 Sites
Maintenance for Routers and CSU/DSU	9 Sites

11 (Optional) Please name the person on your staff or project who can provide additional technical details or answer specific questions from service providers about the services you are seeking. This need not be the contact person listed in Item 6 nor the signer of this form.

Name:

Title:

Telephone number

() -

Fax number

() -

E-mail Address

12. ☒ Check here if there are any restrictions imposed by state or local laws or regulations on how or when providers may contact you or on other bidding procedures. Please describe below any such restrictions or procedures, and/or provide Web address where they are posted and a contact name and telephone number for service providers without Internet access.

13. If you intend to enter into a multi-year contract based on this posting or a contract featuring an option for voluntary extensions you may provide that information below. If you have plans to purchase additional services in future years, or expect to seek new contracts for existing services, summarize below (including the likely timeframes).

Block 3: Technology Assessment

14. ☒ Basic telephone service only: If your application is for basic local and long distance telephone service (wireline or wireless) only, check this box and skip to Item 16.

15. Although the following services and facilities are ineligible for support, they are usually necessary to make effective use of the eligible services requested in this application. Unless you indicated in Item 14 that your application is ONLY for basic telephone service, you must check at least one box in (a) through (e). You may provide details for purchases being sought.

- a. Desktop software: Software required ☒ has been purchased; and/or ☐ is being sought.
- b. Electrical systems: ☒ adequate electrical capacity is in place or has already been arranged; and/or ☐ upgrading for additional electrical capacity is being sought.
- c. Computers: a sufficient quantity of computers ☒ has been purchased; and/or ☐ is being sought.
- d. Computer hardware maintenance: adequate arrangements ☒ have been made; and/or ☐ are being sought.
- e. Staff development: ☒ all staff have had an appropriate level of training /additional training has already been scheduled; and/or ☐ training is being sought.
- f. Additional details: Use this space to provide additional details to help providers to identify the services you desire.

Block 4: Recipients of Service

16. Eligible Entities That Will Receive Services:

Check the ONE choice (a,b or c) that best describes this application and the eligible entities that will receive the services described in this application. You will then list in Item 17 the entity/entities that will pay the bills for these services.

- a. ☒ Individual school or single-site library.
- b. ☒ Statewide application for (enter 2-letter state code) representing (check all that apply):
 - ☒ All public schools/districts in the state;
 - ☒ All non-public schools in the state;
 - ☒ All libraries in the state;

If your statewide application includes INELIGIBLE entities, check here. ☐ If checked, complete Item 18.

- c. ☒ School district, library system, or consortium application to serve multiple eligible entities:

Number of eligible sites 9

For these eligible sites, please provide the following

Area Codes
(list each unique area code)

Prefixes associated with each area code
(first 3 digits of phone number)
separate with commas, leave no spaces

318

249, 259

If your application includes INELIGIBLE entities, check here. ☐ If checked, complete Item 18.

17. Billed Entities

List the entity/entities that will be paying the bills directly to the provider for the services requested in this application. These are known as Billed Entities. At least one line of this item must be completed. Attach additional sheets if necessary.

Entity	Entity Number
JACKSON PARISH SCHOOL DISTRICT	139315

18. Ineligible Participating Entities

Does your application also seek bids on services to entities that are not eligible for the Universal Service Program? If so, list those entities here (attach pages if needed):

Ineligible Participating Entity	Area Code	Prefix
---------------------------------	-----------	--------

Block 5: Certification and Signature

19. The applicant includes: (Check one or both)

- a. ☒ schools under the statutory definitions of elementary and secondary schools found in the No Child Left Behind Act of 2001, 20 U.S.C. Secs. 7801(18) and (38), that do not operate as for-profit businesses, and do not have endowments exceeding \$50 million; and/or
- b. ☒ libraries or library consortia eligible for assistance from a State library administrative agency under the Library Services and Technology Act of 1996 that do not operate as for-profit businesses and whose budgets are completely separate from any school (including, but not limited to elementary and secondary schools, colleges and universities).

20. All of the individual schools, libraries, and library consortia receiving services under this application are covered by:

- a. ☒ individual technology plans for using the services requested in the application, and/or
- b. ☒ higher-level technology plans for using the services requested in the application, or
- c. ☒ no technology plan needed; application requests basic local and/or long distance telephone service only.

21. Status of technology plans (if representing multiple entities with mixed technology plan status, check both a and b):

- a. ☒ technology plan(s) has/have been approved by a state or other authorized body.
- b. ☒ technology plan(s) will be approved by a state or other authorized body.
- c. ☒ no technology plan needed; application requests basic local and long distance telephone service only.

22. ☒ I certify that the services the applicant purchases at discounts provided by 47 U.S.C. Sec. 254 will be used solely for educational purposes and will not be sold, resold, or transferred in consideration for money or any other thing of value.

23. ☒ I recognize that support under this support mechanism is conditional upon the school(s) or library(ies) I represent securing access to all of the resources, including computers, training, software, maintenance, and electrical connections necessary to use the services purchased effectively.

24. ☒ I certify that I am authorized to submit this request on behalf of the above-named entities, that I have examined this request, and to the best of my knowledge, information, and belief, all statements of fact contained herein are true.

25. Signature of authorized person: ☒

26. Date (mm/dd/yyyy): 11/13/2003

27. Printed name of authorized person: Gary Black

28. Title or position of authorized person: Superintendent

29a. Address of authorized person: 315 Pershing Highway
City: Jonesboro State: LA Zip: 71251

29b. Telephone number of authorized person: (318) 259 - 4456 ext. 10

29c. Fax number of authorized person: (318) 2592527

29d. E-mail address number of authorized person: gblack@nls.k12.la.us

Persons fully making false statements on this form can be punished by fine or forfeiture, under the Communications Act, 47 U.S.C. Secs. 502, 503(b), or fine or imprisonment under Title 18 of the United States Code, 18 U.S.C. Sec. 1001.

Service provider involvement with preparation or certification of a Form 470 can taint the competitive bidding process and result in the denial of funding requests. For more information, refer to the "Service Provider Role in Assisting Customers" at www.sluniversalservice.org/vendor/manual/chapter5.doc or call the Client Service Bureau at 1-888-203-8100.

NOTICE: Section 54.504 of the Federal Communications Commission's rules requires all schools and libraries ordering services that are eligible for and seeking universal service discounts to file this Description of Services Requested and Certification Form (FCC Form 470) with the Universal Service Administrator, 47 C.F.R. § 54.504. The collection of information stems from the Commission's authority under Section 254 of the Communications Act of 1934, as amended, 47 U.S.C. § 254. The data in this report will be used to ensure that schools and libraries comply with the competitive bidding requirement contained in 47 C.F.R. § 54.504. All schools and libraries planning to order services eligible for universal service discounts must file this form themselves or as part of a consortium.

An agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a currently valid OMB control number.

The FCC is authorized under the Communications Act of 1934, as amended, to collect the information we request in this form. We will use the information you provide to determine whether approving this application is in the public interest. If we believe there may be a violation or a potential violation of a FCC statute, regulation, rule or order, your application may be referred to the Federal, state, or local agency responsible for investigating, prosecuting, enforcing, or implementing the statute, rule, regulation or order. In certain cases, the information in your application may be disclosed to the Department of Justice or a court or adjudicative body when (a) the FCC, or (b) any employee of the FCC, or (c) the United States Government is a party of a proceeding before the body or has an interest in the proceeding. In addition, information provided in or submitted with this form or in response to subsequent inquiries may also be subject to disclosure consistent with the Communications Act of 1934, FCC regulations, the Freedom of Information Act, 5 U.S.C. § 552, or other applicable law.

If you owe a past due debt to the federal government, the information you provide may also be disclosed to the Department of the Treasury Financial Management Service, other Federal agencies and/or your employer to offset your salary, IRS tax refund or other payments to collect that debt. The FCC may also provide the information to these agencies through the matching of computer records when authorized.

If you do not provide the information we request on the form, the FCC may delay processing of your application or may return your application without action.

The foregoing Notice is required by the Paperwork Reduction Act of 1995, Pub. L. No. 104-13, 44 U.S.C. § 3501, et seq.

Public reporting burden for this collection of information is estimated to average 4 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, completing, and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing the reporting burden to the Federal Communications Commission, Performance Evaluation and Records Management, Washington, DC 20554.

Please submit this form to:

SLD-Form 470
P.O. Box 7026
Lawrence, Kansas 66044-7026
1-888-203-8100

For express delivery services or U.S. Postal Service, Return Receipt Requested, mail this form to:

SLD-Form 470
c/o Ms. Smith
3833 Greenway Drive
Lawrence, Kansas 66046
1-888-203-8100

FCC Form 470
May 2003

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Jackson Parish School District

Presented To:

Jackson Parish School District

Presented By:

**Mr. Tony Downs
Communication Consultant
Bayou Internet – Education Division**

Date:

November 7, 2003

Terms and Conditions of this Proposal

This proposal is valid for 120 days from date of the proposal listed on this page. The information contained in this proposal is confidential between Webster Parish School District and Bayou Internet. Any distribution or duplication of this document must be approved by Bayou Internet.

"Louisiana 318: Our Field of View Begins With You."

Letter

Executive Summary

Company Overview

**Our Understanding of
Jackson Parish Schools**

Proposed Solution

Financial Analysis

**Contract Terms and
Conditions**

General Information



bayou internet

Jackson Parish School District

November 7, 2003

Mr. Talton Barron
Secondary Supervisor
Jackson Parish School District
315 Pershing Highway
Jonesboro, LA 71251

Mr. Barron,

We would like to thank you for allowing Bayou Internet an opportunity to become your technology partner. As North Louisiana's largest independent, locally owned communication service provider we deliver great Internet connectivity, networking, and related technology services to institutions and businesses throughout North and Central Louisiana. Our number one focus is to provide GREAT customer support during and after the installation.

Jackson Parish School District requires up-to-date technology, strong infrastructure and professional, on-site service and support. This proposal is intended to meet your current technology needs while positioning your school district for future growth.

After reviewing Jackson Parish Schools' needs we recommend supplying on-site service and support, and a robust set of bundled services to create a reliable, integrated system.

We feel confident after reviewing this proposal that Bayou Internet is the best choice for Jackson Parish School District.

If you have any questions about this proposal please give me a call at (318-338-2038) or email at tdowns@bayou.com.

Sincerely,

Tony Downs
Communication Consultant
Bayou Internet

Bayou Internet 1109 Hudson Lane - Monroe, La. 71201
www.bayou.com Phone: 888.39 BAYOU



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Jackson Parish School District

II: EXECUTIVE SUMMARY

Internet access has become an integral part of modern educational systems. Ready access to the Internet and its many educational benefits is a necessity in today's educational system. Along with the many benefits of high-speed access to the Internet come burdens and responsibilities.

Our goal is to provide unprecedented IT expertise to the school district and implement and maintain services that will strengthen the teaching and learning process.

Bayou Internet's Educational Division is offered to provide cost effective, trouble free Internet access systems that are more capable and better supported than any other system available. These Internet access systems must deliver the highest levels of security, safety from inappropriate content, and reliability. Our goal is to provide Internet services with a robust and usable set of features with minimal complexity.

This proposal is based on Jackson Parish School Board's needs and requirements.



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III: COMPANY OVERVIEW

"Louisiana 318: Our Field of View Begins With You."

The Bayou Business Solution

Bayou Internet, a communications service provider, has served customers in Louisiana for more than eight years. Bayou was the first company to provide commercial Internet service to Northeast Louisiana, and is now the largest, independently owned Internet service provider in our area. For almost a decade, Bayou has served local schools, churches, hospitals, government agencies, law firms, accounting firms, television and radio stations, corporations and small businesses.

"Our focus is on providing great customer service where you live, work, and play."

Jerry Scroggin
Founder and Co-Owner

Bayou's corporate mission is to provide uninterrupted, great service to businesses within the 318 area code. This focus allows us to bring local expertise to local companies. In addition, Bayou can go wherever your business goes, across the nation. Our vision is to have every person in 318 connected to Bayou services, where you live, work, and play. To achieve this goal, Bayou will continue to provide the fastest, most reliable service with great customer support

Bayou Connects – Service. Support. Security. Reliability. Diversity.

Bayou offers a wide variety of Internet services spanning from the most basic dial up connections to the most advanced connections including, High Speed DSL, High Speed Satellite, Wireless, T1 and T3 lines, and fiber optic connections. Bayou also provides a wide array of Internet features that can benefit any business, including Web site design and hosting, Web site marketing and advertising, as well as spam and content filtering. Bayou's Business Solutions are competitively priced, comprehensive solutions that will help improve your organization's bottom line by maximizing efficiency. Our expertise in communications services makes us the clear choice for all your school district's connections.

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IV. Our Understanding of Jackson Parish Schools

Overview:

The Jackson Parish School System includes 7 elementary, middle, junior high and senior high schools and 2 administrative facilities located throughout Jackson Parish mostly concentrated in the Jonesboro area. There are approximately 2600 students and 200 teachers in Jackson Parish. Each facility has a number of PC's connected to internet with filtered email and web browsing capabilities.

Technology at Jackson Parish Schools:

- There are approximately 1000 PC's in 7 schools and 2 administrative facilities
- All schools are connected via Point to Point or Frame Relay T-1 circuits to central hub at the School Board Office in Jonesboro
- Network has 1.5 MB of internet bandwidth available
- There are dedicated servers at each school for DHCP and DNS
- Web access and email are both filtered at the ISP level
- Email and web hosting are provided by current provider at all schools
- Current provider owns head-end equipment and CSUs at each school Jackson Parish Schools own the Servers, and LAN infrastructure at the schools
- Jackson Parish's current provider does network maintenance and support approximately sixteen hours per week.



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Needs and Requirements:

- Network configuration similar to present configuration with filtered email and Internet access. Web hosting for each school and school district.
- Dedicated, e-rate eligible, managed support services.

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V: PROPOSED SOLUTION

The Bayou Internet solution includes the following:

- 1.5 MB dedicated bandwidth delivered through a frame relay network in a star configuration.
- Cisco Router/CSU at central hub and Adtran Router/CSUs at each school.
- Equipment Rack, APC Smart UPS 3000VA, 4 port KVM Switch, Cisco Catalyst Switch, and Monitor, Keyboard, and Mouse.
- Dedicated email server with full administrative access and content filtering.
- Firewall service w/ Network Address Translation.
- Domain Name Service.
- Web Hosting for school district and individual schools.
- TCP/IP services TELNET, FTP AND POP.
- Internet Content Filtering utilizing SmartFilter with dedicated SmartFilter server.
- Dedicated, e-rate eligible, managed support services.

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VI: Financial Analysis

Bundled Internet Services for 9 locations including:

- 1.5 MB of Internet Bandwidth delivered and distributed via frame relay.
- Cisco Router at central location and Adtran Router/CSUs at each school.
- Dedicated email server with unlimited email addresses, full administrative access, and content filtering.
- Equipment Rack, APC Smart UPS 3000VA, 4 port KVM
- Static IP addresses as needed.
- Firewall service w/ Network Address Translation.
- Domain Name Service.
- Web Hosting for school district and individual schools.
- TCP/IP services TELNET, FTP AND POP.
- Internet Content Filtering utilizing SmartFilter with dedicated SmartFilter server.
- 16 hours per week, e-rate eligible, Managed Support Services.

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INVESTMENT:

Bundled Internet Service and Support Package

REDACTED

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VII: INTERNET SERVICES TERMS AND CONDITIONS:

RESPONSIBILITIES OF PROVIDER:

1. Installation of all provided equipment:
 - Equipment Rack, UPS
 - Cisco Router (main) and Cisco Catalyst Switch
 - Email and SmartFilter Server (rack mounted)
 - Adtran CSU/Router at each school
2. Connection and configuration of all Frame Relay or PTP T-1 Circuits. Programming and configuration of each router, Email Server, SmartFilter server, Domain Name Services, File Sharing, Web Services, POP services and connection to remote networks such as LANET as needed.
3. Maintenance and support of network infrastructure including all hardware and wiring in each school, all routers and servers, software support of all operating systems required to deliver internet services including Windows 3.11, 95, NT, 2000, XP and Mac. These services include 16 hours of labor per week with additional labor hours available as needed **REDACTED**
4. Remote 24 hour monitoring of each T-1 circuit and router. Remote and on-site administration and configuration of routers.
5. Consultation for all network design, hardware specifications and purchases, new technology deployment, software purchases and various issues related to technology in the school system.



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RESPONSIBILITIES OF SUBSCRIBER:

Subscriber will be responsible for:

1. Replacement costs for defective subscriber owned hardware replaced by Bayou technicians.
2. Problem reporting through designated contact personnel, end user login, installation of software on end user pc's, and remote troubleshooting assistance, when appropriate.

Term of Service

Services will cease 24 months from date of initiation of service. Service may be extended year-to-year.

Conditions

The provider will not be responsible for service interruptions due to conditions beyond our control though we will address any such outages immediately and work to get them resolved in a timely manner.



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Jackson Parish School District

Appendix:

References:

**Danny White
318-387-7962**

Northeast Louisiana Workforce Investment Board

**Roger Williams
318-387-7962**

Guaranty Bank

**Diane Donald
318-728-5700**

Richardson Medical Center



January 15, 2004

Mr. Gary Black
Jackson Parish School Board
315 Pershing Highway
Jonesboro, LA 71251

Dear Mr. Black:

On behalf of Detel Wireless, LLC, I am happy to present to you our proposal to Jackson Parish School Board for Internet Access.

Detel Wireless, LLC, and its parent company Detel Computer Solutions, LLC, are dedicated to providing school districts, like the Jackson Parish School System, the best service available at the best price that we can afford to offer. Customer service has been our cornerstone since inception, and we hope to bring this same level of commitment to Jackson Parish School Board.

So on behalf of everyone at Detel, please accept this proposal. We look forward to working with you in the future and to a long and lasting relationship.

Sincerely,

Daryl Deshotel
Detel Wireless, LLC

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Detel Wireless *10434 Plaza Americana Drive*Baton Rouge, La 70816

AR0061

Executive Summary

Detel Wireless, LLC, is honored to provide this proposal. It is Detel's desire become the leading provider of Wide Area Connectivity and Internet Access in the state of Louisiana, with a particular interest in the K-12 education market.

Detel is also proposing T-1 based landline solutions with speeds of 3 Mbps.

Detel Wireless provides safe, secure, reliable and very fast wireless networks for a very competitive price. We do not promise to be the cheapest, but we do promise to provide a working network that incorporates the highest quality equipment and design. Further, we can provide this in a very cost effect manner using federal funding from USAC.

Detel has two certified Broadband Wireless Access Experts and One Certified Wireless Network Administrator (CWNA). These are vendor neutral WLAN training and certifications created by leading industry experts. We are Louisiana's only home-based company with the expertise and knowledge to install your network to ensure maximum benefit at the lowest possible cost. We have learned from our experiences; do not let others learn from their experiences on your job!

Finally, we want you to know that Detel has a reputation of honesty, integrity and trust throughout the entire state. Combine this with our experience and knowledge and we are simply the best choice for your wireless solution. Further, we are known for going beyond the call of duty - we give you more than what you contracted for - nothing LESS!

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Section B. Table of Contents

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Section C. Company Overview and Qualifications

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3 Company Overview and Qualifications

3.1 Company Overview

As stated Section 3.1.1, Detel Wireless is a CLEC and a Tier 2 ISP specializing in Wireless WANs. In addition to the typical ISP services, Detel also provides customers with other features, such as E-mail and Website Hosting, E-mail Set-up, Web-site design, Content Filtering, unique bandwidth usage reports and firewall services.

Incorporated in Nov. of 2002, Detel Wireless, a subsidiary of Detel Computer Services, LLC, opened its doors with just one client and a lot of determination to succeed. After a little over a year in operation, the company now offers services in four parishes throughout the state and has contracts worth just over \$2.4 million in revenues. In addition, Detel Wireless has aggressively laid the groundwork to acquire several more contracts in the next six to eight months. The company will soon be providing services in nine or more parishes within the next year, with contracts representing over \$6 million in revenues.

Though we could boast about our customer satisfaction, we prefer to allow our customers to speak for themselves. We have provided a list of three customers who have all agreed to answer any questions our potential customers may have about our services. They will be able to address not only their satisfaction with our products; they can also address our courtesy, professionalism and our commitment to customer service.

3.1.1 References

Below, is a table listing references of existing Detel Wireless customers. Each has agreed to answer any questions our potential customers may have about our services, and we encourage anyone interested to give them a call.

<i>School District</i>	<i>Contact</i>	<i>Address</i>	<i>Phone</i>
Acadia PSB	Mary Robbins	2402 N Parkerson Ave Crowley, LA 70526	337-783-3664 ext 276
Red River PSB	Carey Prosperie	1922 Alonzo Ave. Coushatta, LA 71019	318-932-5773 ext 12
Avoyelles PSB	Thad Roy	221 Tunica Drive West Marksville, LA 71351	318-253-5982

Detel Wireless is also pleased to include a copy of a letter of recommendation that can be found in Attachment A.

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3.2 Vendor Qualifications

3.2.1 Carrier Qualifications

Currently, the primary business of Detel Wireless, LLC, is providing data networks and internet access. In the future, Detel intends to start offering voice services in addition to the existing data offerings. Detel Wireless, LLC, is a licensed Competitive Local Exchange Carrier (CLEC) and a Tier 2 Internet Service Provider (ISP) currently under contract with the Tier 1 ISP UUNet.

3.2.2 SLD Qualifications

Detel Wireless is registered with Schools and Libraries Division (SLD), and the SPIN for Detel Wireless, LLC, is 143026277. We have also been approved by the SLD as an "eligible Telecomm Provider".

3.2.3 Federal Communications Commission (FCC) and State of Louisiana Public Service Commission (PSC) Qualifications

Detel Wireless is registered with both the FCC and the PSC in the State of Louisiana.

3.2.4 Staff Locations and Availability

Detel Wireless maintains its headquarters in Baton Rouge, LA, and maintains two offices in the following locations:

10434 Plaza Americana Baton Rouge, LA 70816	2028 Hwy 115 Hessmer, LA 70811
--	-----------------------------------

Detel Wireless maintains a 24x7 network monitoring facility that will be able to identify issues as soon as they arise. A large amount of troubleshooting and fault isolation can be done remotely. When needed, there will be a field technician will also be on call 24x7.

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Section D. Technical Proposal

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4 Technical Proposal

4.1 Internet Connectivity

4.1.1 Bandwidth

Detel Wireless is proposing a wide range of bandwidth options to school systems around the state. Pricing is being provided to Jackson Parish for 3 Mbps.

4.1.2 Reporting

As part of Detel Wireless's Internet service offering, customers can receive monthly reports at no additional cost. These reports are generated by a network traffic manager, and can supply information for all of the common network service metrics.

In addition to providing common network metrics, Detel can offer Advanced Internet Site reporting that provides details on which sites are hit most often, information concerning hits on specific web sites, which computers generated the most traffic, and many other details that might be of interest to network administrators as well as other offices within school districts.

4.1.3 Schools Subnets

Existing subnets in schools are not affected by the introduction of the services offered.

4.1.4 Reliability and Availability

To provide information on reliability and availability for transmissions, one must address both the reliability of the hardware, as is the case in a carrier network.

4.1.5 Network Diagram

Network diagram(s) can be made available upon request, and/or will be provided if the contract is awarded.

4.1.6 Network Monitoring

Detel Wireless is very proactive when it comes to network monitoring. Detel utilizes the WhatsUp Gold network monitoring software package. WhatsUp Gold is a web-enabled monitoring program that provides detailed information about the network. For more information on WhatsUp Gold, please see the brochure found in Attachment B at the end of this document and/or visit the WhatsUp Gold website at:
<http://www.whatsupgold.com/Products/WhatsUp/index.html>.

Normal network monitoring is included in the monthly recurring cost of the service. For additional monitoring capabilities, such as monthly reports showing bandwidth used at each location and Internet bandwidth utilization, Detel can offer a bundled service that can provide monthly statistics for any of your locations. This pricing has been included in Section 7.0.

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Existing reporting procedures were put into practice to allow network administrators to determine when additional bandwidth is required. Given the amount of bandwidth being proposed, this level of statistics reporting may not be required for years to come.

4.2 Quality of Service and Scalability

Detel is proposing a point-to-point solution for Internet access connectivity. Regardless of the proposed bandwidth option selected, the solution is capable of being expanded up to 45 Mbps without additional equipment or even on-site visits.

For web surfing and email, quality of service (QoS) is not a concern, so if someone is patient enough, they could still use slow dialup connections. However, when a data network also carries voice and video traffic, QoS can become a huge issue. Without quality of service, voice calls or video conferences can become full of jitter or in the worse case dropped.

Since this is an IP solution and essentially an Ethernet solution, the same limitations on quality of service exist as on a Local Area Network (LAN). The current Internet Protocol standard (IPv4) does not have any provisions for distinguishing packet payload or traffic types (e.g. voice, video, email, etc), and therefore cannot assign priority to the different classes of service. As IPv6 becomes more readily available, this problem should be solved. Currently, the two ways to handle this concern are to either utilize an alternate transport protocol (e.g. Frame Relay or ATM) that can distinguish between classes of service or to increase the amount of bandwidth in the network to such an extent as to reduce the amount of congestion and collisions. In this proposal, the latter option is addressed.

Detel is proposing to install full facilities to provide transport to and from Detel's network backbone. All Internet traffic is then throttled down to the subscribed Internet access bandwidth before reaching the internet. Since the Internet currently cannot offer QoS or even guarantee response times, neither Detel nor any other carrier can ensure QoS across the web.

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Section E. Installation

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5 Installation

5.1 Installation Process

Projects are broken down into four phases. A project manager is assigned to each project at the beginning and stays with the project throughout the completion of the four phases. The pending project manager for this project is Daryl Deshotel. The project manager oversees all four phases of the project and appoints a superintendent or foreman to each phase that reports directly back to him. All other personnel in the project report to the foreman or superintendent of that phase of the project. Brief overviews of the four phases are as follows:

Phase One: Pre-Installation Planning and Engineering

The first phase begins soon after a contract has been signed. The pending Phase One superintendent is Wayne Kairdolf. It is his job to ensure that all planning and engineering is complete and accurate.

The first order of business is to determine the exact physical location for every site and to determine the exact position for each of these sites. Both the physical Location (latitude, longitude and altitude) and the positions are engineered, documented and logged into a customized engineering program. Also during this phase, we perform spectrum analysis, link budgets and other testing that allow us to provide the best possible value for the customer. Other engineering, such as the location of all cabling, switches and outdoor enclosures, are also determined and documented in this phase including the need for electricity and permits depending on the site location. At this point, we develop timelines for installation and ordering, procurement schedules and start the contracting process for any sub-contractors that may be needed, as well as, start ordering equipment that have longer lead times. At this point, the permitting process is started for the locations that require permits or permissions.

Upon completion of this phase, all plans and documentation specifically engineered for this project will be presented to the District. This phase should be completed prior to receiving Erate approval, so that Phase Two can commence immediately.

Phase Two: Construction

The second phase of the project entails the actual physical placement and installation of all required equipment according to the plans engineered in Phase One. Two supervisors are required for this phase. The first supervisor is the Construction Foreman, B.J. Franks, who oversees the placement. This Foreman also oversees the placement and installation of all indoor enclosures. The second supervisor is the Wiring Crew Supervisor, Cody Rico, who oversees all wiring crews and ensures all wiring is in compliance with the specifications of the wire, equipment and standards. He also oversees the installation and termination of all wiring, equipment, and test equipment for connectivity (testing for

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traffic levels are performed in Phase Three). At the end of Phase Two, all equipment has been installed, grounded and tested for connectivity.

Phase Three: Testing

An engineer is assigned to test every link in the system including the simulation of one and half times the expected network traffic. This phase confirms that the engineered link budgets and loss calculations, etc. calculated in Phase One were correct. If not, the appropriate adjustments and tweaking are performed until the planned results are achieved. Additional simulations (again at overloaded levels) and testing are performed to ensure that network is fully functional and the network is 99.999% stable. At the completion of Phase Three, the network is ready to be "turned up".

Phase Four: Final Implementation and Completion

In Phase Four, to ensure minimum downtime, all supervisors and the project manager are present to ensure a smooth transition. On the agreed upon "turn-up" date, one school at a time is turned up until all schools are completed. Average downtime per school is 12 minutes. After all schools are turned up and operational, the network is transferred to Yellow Status (techs on site all day). After three consecutive days of high performance, the network is promoted to Green Status ("all systems geaux") with pro-active monitoring and 24 X 7 technical support.

5.2 Installation Plan

A detailed installation plan shall be presented upon bid award.

5.3 Facility Coordination

Facility installations will be coordinated with the designated School Board representative(s).

5.4 Liability

Detel Wireless is fully liable for the actions of its employees, partners, etc and shall fully indemnify and hold harmless the school district from suits, actions, damages, and costs of every name and description relating to personal injury and damage to real or personal tangible property caused by the Detel Wireless, its employees, partners, etc. during the installation process.

Copies of Detel Wireless's Certificate of Insurance showing Liability and Workman's Compensation Coverage are available upon request.

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Section F. Terms, Maintenance, and Support

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6 Terms, Maintenance, and Support

6.1 Contract Terms

Entrance into any formal agreement/contract is dependent on School Board approval, e-rate funding, and appropriation of funds by the district.

Pricing has been submitted in Section 7 in yearly terms. Any terms less than three years would be cost prohibited due to the large amount of capital expenditure required to set up the network.

6.2 Maintenance

Detel Wireless is very proactive when it comes to network monitoring. Often our technicians will know that there is a problem before the customer knows that they have the problem. Detel utilizes the WhatsUp Gold network monitoring software package. WhatsUp Gold is a web-enabled monitoring program that provides detailed information about the network. One method used is by SNMP traps, and every piece of equipment on the Detel network is is SNMP manageable down to the UPS. The UPSs even have environment monitoring.

With our 24x7 technical support, most problems that arise can be diagnosed and repaired remotely and in an expeditious manner. Diagnostic procedures are usually begun within the hour. If the problem cannot be repaired remotely, a technician will be dispatched immediately. Our standard is a 4-hour response time.

The district will be given prior notice if the network needs to be taken down for repair or maintenance, and the work will be done either before or after hours.

6.3 Support

Detel Wireless currently has a large technical staff that may be called upon in time of need, and will be growing the staff over the next several years as more businesses and school systems move to our Internet Access. For the sake of this document, the individuals listed will be the primary staff who will be responsible for day-to-day activities.

<i>Name</i>	<i>Years of Experience</i>
<i>Daryl Deshotel</i>	<i>9</i>
<i>Wayne Kairdolf</i>	<i>10</i>
<i>Travis Franks</i>	<i>7</i>
<i>Dustin Brooks</i>	<i>3</i>
<i>Chris Juneau</i>	<i>6</i>

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Section G. Proposals

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Internet Access Proposal 1

Bundled Internet Service-E-mail,Firewall,DNS,DHCP

Company: Detel Wireless, LLC

Contract Term: 3 Years

Location	Bandwidth Proposed	One-Time Installation	Monthly Recurring	Your Installation Cost*	Your Recurring Cost*
Central Office – (NOC)	DS3 3 Mbps				

REDACTED

Internet Access Proposal 2

Standard Internet Service-E-mail,Firewall,DNS,DHCP

Company: Detel Wireless, LLC

Contract Term: 5 Years

Location	Bandwidth Proposed	One-Time Installation	Monthly Recurring	Your Installation Cost*	Your Recurring Cost*
Central Office – (NOC)	DS3 3 Mbps				

REDACTED

* Your cost is based on Year Six (2003-2004) E-rate funding at 75%.

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AR0077

REDACTED

8 Innovative Concepts

Detel Wireless, LLC, would like to address some of the innovative concepts that this proposal and this company have to offer.

8.1 State-wide Connectivity

A unique aspect of this offer has to do with Detel Wireless's statewide connectivity. If Detel is selected as Internet Service Provider and the Internet connection is 3 Mbps or greater, the school board will benefit from a unique offer that no other carrier will offer. Each district that accesses our network is free to communicate with each other using the facilities connecting them to our backbone.

8.2 Extensive Network Monitoring and Diagnostics

As mentioned in Section 4, Detel has extensive network monitoring and diagnostics capabilities that are used to ensure the best service available and it allows us to offer very proactive approach to network issues should they arrive.

8.3 Advanced Network Monitoring

As mentioned in Section 4.2.6, Advanced Network Monitoring includes capabilities, such as monthly reports showing bandwidth used at each location and Internet bandwidth utilization.

8.4 Internet Worms

With the recent outbreak of Internet worms, Detel has created a way to eliminate many of the headaches that they cause. Since most of the worms attack certain TCP/IP ports, Detel has the ability to shut down all traffic traversing the network addressed to the attacked port. This gives network administrators time to react and ensure that all network elements are protected.

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8.5 Internet Email Virus Scan

Detel can provide a network based email virus scan for all internet-originated email. This service can help eliminate email borne viruses before they ever hit the customer's network.

8.6 Firewall Service

Detel can offer network based firewall services that helps to remove the network administrator's pain of managing the firewall. These capabilities provide protection from intrusion and can give the customer peace of mind.

8.7 Advanced Internet Site reporting

In addition to providing common network metrics, Detel can offer Advanced Internet Site reporting that provides details on which sites are hit most often, information concerning hits on specific web sites, which computers generated the most traffic, and many other details that might be of interest to network administrators.

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AR0080

Attachment A. Letter of Recommendation

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Detel Wireless *10434 Plaza Americana Drive*Baton Rouge, La 70816

AR0081

Copy of Letter from Acadia Parish School Board

ACADIA PARISH SCHOOL BOARD

Incorporated July 14, 1887



John E. Bourque
Superintendent

2402 North Parkerson Avenue
Post Office Drawer 309
Crowley, LA 70527-0309
337-783-3664 Phone
337-783-3761 Fax
December 18, 2003

John H. Quebodeaux
President

Lyle C. Johnson
Vice-President

To Whom It May Concern

Acadia Parish School Board recently transitioned from a Bellsouth frame relay WAN to a wireless WAN leased from DETEL Wireless L.L.C. Since this transition was to occur during school time, there was great nervousness and a few sleepless nights on my part in anticipation of the move. Fortunately, the fears were unfounded. DETEL came in with a plan for our system which began with team meetings. Their staff met with our technicians and network consultants to discuss the transition and to brainstorm potential problems and solutions. While waiting for delivery of the "flagpole" radio mounts, DETEL installed all of the necessary roof-mounted radios, the large tower radios, and the routers. When the poles arrived, they were immediately set in concrete at the remaining schools and prepared for use. All radios were tested and adjusted before becoming part of our physical network.

We began the transition on November 10, 2003 by setting up an alternate WAN. Our technicians went school to school transitioning from the old routers to the newly configured DETEL routers. Our network consultant and the DETEL supervisor remained at the central office, directing the reconfiguration of the system. In a day and a half all 27 schools had been transitioned to the wireless network with minimal downtime. All of the technicians were considerate of schools with students taking Louisiana Virtual School classes, scheduling their cutovers after the virtual classes. On November 18, 2003 we transitioned from LaNet to the wireless ISP. We immediately received calls from the schools expressing pleasure with their increased Internet speed. Everybody went into the Thanksgiving holidays with a feeling of success.

We cannot adequately express the satisfaction we have had with the DETEL Wireless representatives. They have been available for questions, responding quickly to calls and emails. We have had great cooperation with their staff, our excellent technicians and the staff of Cohesive Connections of Lafayette, our network consultants. DETEL has worked with our Maintenance Coordinator and our school principals in a professional and cooperative manner. The teachers are thrilled to be able to use streaming video while the administrators are no longer frustrated while attempting to open large attachments. All of the equipment has functioned as designed, and we have felt no disappointment in any of our results.

Sincerely,

Mary Robbins
Media/Technology Supervisor

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AR0082

Attachment B. WhatsUp Gold Documentation

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AR0083



Ipswitch WhatsUp Gold

The essentials of network management

IPSWITCH® www.ipswitch.com

Ipswitch WhatsUp Gold frees IT staff to perform other tasks with the confidence that they'll be notified of any failures.

Ipswitch WhatsUp Gold helps small IT departments keep large networks running without the cost and complexity of high-end network management systems. Ipswitch WhatsUp Gold maps your network and alerts you the moment it detects a problem. Then you can use its easily customized maps to understand your network with the clarity other tools can't provide. You will be able to spot network bottlenecks, conduct effective capacity planning, and see dependencies that direct your attention to the root of problems.

Restarts devices and services

WhatsUp Gold not only polls to check device status, it can also monitor Windows services and network ports used by applications such as an Oracle® database or IBM Lotus Notes®. You can even program notifications to restart Windows services or reboot servers.

To help tighten the security of your network, you can set Ipswitch WhatsUp Gold to notify you whenever new devices are added to your network or when it detects suspicious events such as router login failures flagged in the system's event log. Proactive performance monitoring lets you respond to situations before they become problems. For example, you can set thresholds for network bandwidth consumption or CPU and disk usage that will notify you whenever normal ranges are exceeded.

8 years of innovation

Ipswitch WhatsUp Gold is packed with powerful yet easy-to-use capabilities that have earned numerous Network Computing, PC Magazine and other awards throughout the world.

- Monitors remote system logs to alert on security breaches & application errors
- Shares network map information in XML file format

- Identifies new devices added to the network
- Monitors device interface status

- Notifies when system resources exceed desirable thresholds
- Streamlines performance with Log Manager and SNMP Viewer

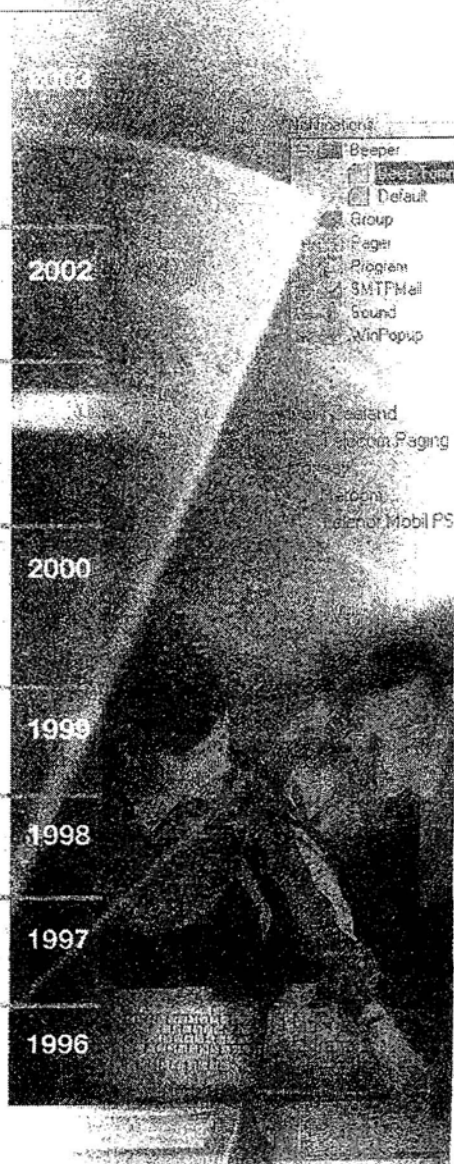
- Maps subnets with intelligent network discovery
- Creates performance graphs to display network trends

- Monitors Windows services and produces historical statistics reports

- Notifies of SNMP traps and runs as a Windows service

- Web administration extends capabilities to larger organizations

- Device polling & automatic alerts makes Ipswitch WhatsUp Gold an instant price/performance leader



1. Autodiscovers and maps your network

Ipswitch WhatsUp Gold finds and identifies all IP-based devices on your network with comprehensive auto-discovery that enables you to:

- Visualize your network with topographic maps
- Drill down to view subnets in maps showing dependencies among devices
- Customize maps with web links, icons, drawings, and images

2. Monitors and notifies of problems with devices, applications, and services

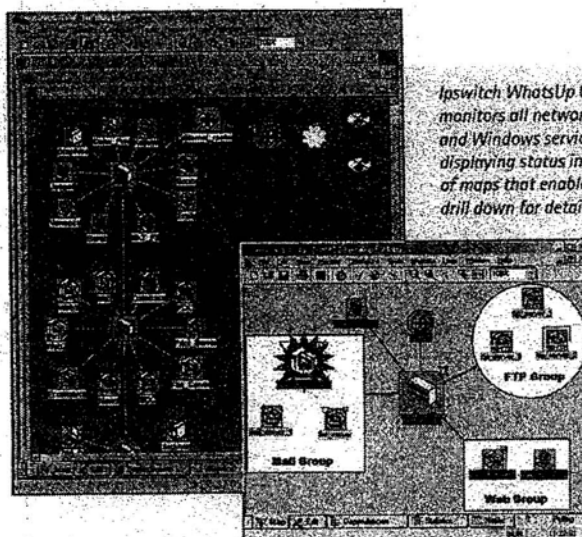
Ipswitch WhatsUp Gold pings devices and combines the results with SNMP and TCP/UDP data to display maps that trace network outages to their source. But that's just a fraction of its capabilities that include:

- Detects stopped web or application services and restarts Windows services and reboots servers
- Sends problem notifications via e-mail, pager, desktop alarm, SMS, or phone
- Launches custom program executables to help solve outages
- Alerts of potential security breaches
- Notifies administrators to service printers or take other actions based on SNMP traps that devices send or receive
- Accessible from anywhere over customizable web interface

3. Tracks performance over time

Ipswitch WhatsUp Gold archives network events and statistics so you can display graphs and reports that track the usage and performance of each network component. This enables you to:

- Correlate performance problems with server loads and network congestion
- Spot usage peaks that may crash servers or overload the network
- Identify under- and over-utilized servers and other network devices to deploy resources more effectively
- Generate customized event logs and automated reports
- See trends and gather statistics to quantify capacity planning



New plug-ins monitor Windows applications

WhatsUp Exchange Monitor	Alerts if users are unable to send, receive, or access mail-or if vital parameters exceed thresholds on Microsoft Exchange Server
WhatsUp SQL Server Monitor	Reports database errors and latency, sending alerts if users cannot complete transactions

Built by experts who value ease of use

Ipswitch brings the network management essentials of the world's largest enterprises to small and mid-size organizations. Using familiar Windows interfaces and menus, Ipswitch engineers build products that enable non-specialists to run, optimize, and grow large networks.

Try it FREE!

Visit www.ipswitch.com/downloads/ to download WhatsUp Gold for a FREE 30-day trial.

IPSWITCH

10 Maguire Road, Suite 220
Lexington, MA 02421
(781) 676-5700
Zekeringstraat 17, 1014 BM
Amsterdam, The Netherlands

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Product Brief • C104-P519

AR0085

**Schools and Libraries Universal Service Program
Services Ordered and Certification Form 471
Application Display**

Block 1: Billed Entity Information

Applicant's Form Identifier: 2004-JPSD-
2

471 Application Number: 423981

Funding Year: 07/01/2004 -
06/30/2005

Billed Entity Number:
139315

Cert. Postmark Date: 02/03/2004
Out of Window Letter Date: Not
applicable

Form Status: CERTIFIED - In Window RAL Date: 03/17/2004

Name: JACKSON PARISH SCHOOL DISTRICT
Address: 315 PERSHING HWY
City: JONESBORO State: LA Zip: 71251

Contact Name: Mike Staples
Address: 315 PERSHING HWY
City: JONESBORO State: LA Zip: 71251

Type of Application: SCHOOL DISTRICT

Ineligible Orgs: N

Block 3: Impact of Services Ordered in THIS Application

Number of students to be served: 2391

Number of library patrons to be served:

SERVICE DESCRIPTION	BEFORE ORDER	AFTER ORDER
a. (Schools/districts/consortia only) Telephone service: How many classrooms had phone service before and after your order?	0	0
b. High-bandwidth voice/data/video service: How many buildings served before and after your order?	41	41
c. High-bandwidth voice/data/video service: Highest speed to a building before and after your order?	T!	T!
d. Dial-up Internet connections: How many before and after your order?	8	8
e. Dial-up Internet connections: Highest speed before and after your order?	56k	56k
f. Direct connections to the Internet: How many before and after your order?	9	9
g. Direct connections to the Internet: Highest speed before and after your order?	T1	T1
h. Internet access(for schools): How many rooms have Internet access before and after your order?	260	262
j. Internet Access: How many computers (or other devices) with Internet access before and after your order?	860	1010
k. Other technology outcomes: (please specify):	0	0

AR0086

Block 4: Worksheets

Worksheet A No: 598181 Student Count: 2391**Weighted Product (Sum. Column 8): 1809.7****Shared Discount: 76%**

1. School Name: CHATHAM - JASPER HENDERSON SCHOOL**2. Entity Number:**

222824

3. Rural/Urban: Rural**4. Student Count: 245****5. NSLP Students: 208****6. NSLP Students/Students: 84.897%****7. Discount: 90%****8. Weighted Product: 220.5**

1. School Name: HAWK PRIMARY SCHOOL**2. Entity Number: 81638****3. Rural/Urban: Rural****4. Student Count: 198****5. NSLP Students: 154****6. NSLP Students/Students: 77.777%****7. Discount: 90%****8. Weighted Product: 178.2**

1. School Name: JONESBORO HODGE HIGH SCHOOL**2. Entity Number: 81637****3. Rural/Urban: Rural****4. Student Count: 398****5. NSLP Students: 247****6. NSLP Students/Students: 62.060%****7. Discount: 80%****8. Weighted Product: 318.4**

1. School Name: JONESBORO HODGE JR HIGH SCHOOL**2. Entity Number: 81636****3. Rural/Urban: Rural****4. Student Count: 280****5. NSLP Students: 240****6. NSLP Students/Students: 85.714%****7. Discount: 90%****8. Weighted Product: 252**

1. School Name: QUITMAN SCHOOL**2. Entity Number: 81665****3. Rural/Urban: Rural****4. Student Count: 506****5. NSLP Students: 134****6. NSLP Students/Students: 26.482%****7. Discount: 60%****8. Weighted Product: 303.6**

1. School Name: SOUTHSIDE ELEMENTARY SCHOOL**2. Entity Number: 81639****3. Rural/Urban: Rural****4. Student Count: 262****5. NSLP Students: 221****6. NSLP Students/Students: 84.351%****7. Discount: 90%****8. Weighted Product: 235.8**

1. School Name: WESTON SCHOOL**2. Entity Number: 81640****3. Rural/Urban: Rural****4. Student Count: 502****5. NSLP Students: 162****6. NSLP Students/Students: 32.270%****7. Discount: 60%****8. Weighted Product: 301.2**

Block 5: Discount Funding Request(s)

FRN: 1171008**FCDL Date: 06/14/2005**

11. Category of Service: Internet Access	12. 470 Application Number: 181630000366888
13. SPIN: 143027251	14. Service Provider Name: Nexus Systems, Inc.
15. Contract Number: SEND2002-13	16. Billing Account Number: 318-259-4456
17. Allowable Contract Date: 11/13/2001	18. Contract Award Date: 01/08/2002
19a. Service Start Date: 07/01/2004	19b. Service End Date:
20. Contract Expiration Date: 06/30/2005	
21. Attachment #: 2004-11A	22. Block 4 Worksheet No.: 598181
23a. Monthly Charges: \$5,016.00	23b. Ineligible monthly amt.: \$.00
23c. Eligible monthly amt.: \$5,016.00	23d. Number of months of service: 12
23e. Annual pre-discount amount for eligible recurring charges (23c x 23d): \$60,192.00	
23f. Annual non-recurring (one-time) charges: 0	23g. Ineligible non-recurring amt.: 0
23h. Annual pre-discount amount for eligible non-recurring charges (23f - 23g): \$0.00	
23i. Total program year pre-discount amount (23e + 23h): \$60,192.00	
23j. % discount (from Block 4): 76	
23k. Funding Commitment Request (23i x 23j): \$45,745.92	

Block 6: Certifications and Signature

24a. Schools: Y

24b. Libraries or Library Consortia: N

26a. Individual Technology Plan: Y

26b. Higher-Level Technology Plan(s): Y

26c. No Technology Plan Needed:

27a. Approved Technology Plan(s): Y

27b. State Approved Technology Plan: N

27c. No Technology Plan Needed:

« Previous

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FCC Form

Approval by OMB
3060-0806**470**

Schools and Libraries Universal Service Description of Services Requested and Certification Form

Estimated Average Burden Hours Per Response: 4.0 hours

This form is designed to help you describe the eligible telecommunications-related services you seek so that this data can be posted on the Fund Administrator website and interested service providers can identify you as a potential customer and compete to serve you.

Please read instructions before beginning this application.

(To be completed by entity that will negotiate with providers.)

Block 1: Applicant Address and Identifications

Form 470 Application Number: 227240000313139

Applicant's Form Identifier: 025

Application Status: CERTIFIED

Posting Date: 12/05/2000

Allowable Contract Date: 01/02/2001

Certification Received Date: 01/09/2001

1. Name of Applicant:

JACKSON PARISH SCHOOL DISTRICT

2. Funding Year:

07/01/2001 - 06/30/2002

3. Your Entity Number

139315

4a. Applicant's Street Address, P.O.Box, or Route Number

315 PERSHING HWY

City

JONESBORO

State

LA

Zip Code

71251

b. Telephone number

(318) 259- 4456

c. Fax number

(318) 259- 4514

d. E-mail Address

mstaples@nls.k12.la.us

5. Type Of Applicant

- ☒ Individual School (individual public or non-public school)
- ☒ School District (LEA; public or non-public [e.g., diocesan] local district representing multiple schools)
- ☒ Library (including library system, library branch, or library consortium applying as a library)
- ☒ Consortium (intermediate service agencies, states, state networks, special consortia)

6a. Contact Person's Name: Mike Staples

*First, fill in every item of the Contact Person's information below that is different from Item 4, above. Then check the box next to the preferred mode of contact. (At least one box **MUST** be checked.)*

6b. Street Address, P.O.Box, or Route Number

315 PERSHING HWY

City

State

Zip Code

JONESBORO	LA	71251
6c. Telephone Number (318) 259- 4456		
6d. Fax Number (318) 259- 4514		
6e. E-mail Address mstaples@nls.k12.la.us		

Block 2: Summary Description of Needs or Services Requested

7 This Form 470 describes (check all that apply):

a. ☒ Tariffed services - telecommunications services, purchased at regulated prices, for which the applicant has no signed, written contract. A new Form 470 must be filed for tariffed services for each funding year.

b. ☒ Month-to-month services for which the applicant has no signed, written contract. A new Form 470 must be filed for these services for each funding year.

c. ☒ Services for which a new written contract is sought for the funding year in Item 2.

d. ☒ A multi-year contract signed on or before 7/10/97 but for which no Form 470 has been filed in a previous program year.

NOTE: Services that are covered by a signed, written contract executed pursuant to posting of a Form 470 in a previous program year OR a contract signed on/before 7/10/97 and reported on a Form 470 in a previous year as an existing contract do NOT require filing of a Form 470.

What kinds of service are you seeking: Telecommunications Services, Internet Access, or Internal Connections? Refer to the Eligible Services List at www.sl.universalservice.org for examples. Check the relevant category or categories (8, 9, and/or 10 below), and answer the questions in each category you select.

8 ☒ Telecommunications Services

Do you have a Request for Proposal (RFP) that specifies the services you are seeking ?

a ☒ **YES**, I have an RFP. It is available on the Web at or via (check one):
☒ the Contact Person in Item 6 or ☐ the contact listed in Item 11.

b ☒ **NO**, I do not have an RFP for these services.

If you answered NO, you must list below the Telecommunications Services you seek. Specify each service or function (e.g., local voice service) and quantity and/or capacity(e.g., 20 existing lines plus 10 new ones). See the Eligible Services List at www.sl.universalservice.org for examples of eligible Telecommunications Services. Remember that only eligible telecommunications providers can provide these services under the universal service support mechanism. Add additional lines if needed.

Service or Function:	Quantity and/or Capacity:
plain old telephone service (POTS)	minimum 45
long distance service	minimum 45
cell service	minimum 9
digital lines	minimum 9 (56Kb and T1 service)
video lines/services	minimum 1(h.320/h.323 lines and services)
distance education access service	minimum 9 sites
paging service	minimum 9
interactive television service	minimum 9 sites

9 ☒ Internet Access

Do you have a Request for Proposal (RFP) that specifies the services you are seeking ?

a ☒ **YES**, I have an RFP. It is available on the Web at or via (check one):
☒ the Contact Person in Item 6 or ☐ the contact listed in Item 11.

b ☐ **NO**, I do not have an RFP for these services.

If you answered **NO**, you must list below the Internet Access Services you seek. Specify each **service or function** (e.g., monthly Internet service) and quantity and/or capacity (e.g., for 500 users). See the Eligible Services List at www.sl.universalservice.org for examples of eligible Internet Access services. Add additional lines if needed.

Service or Function:	Quantity and/or Capacity:
internet access	minimum 9 sites, high speed T1 access
internet e-mail support	minimum 9 sites, bundled with internet
school level maintenance/installation	minimum 9 sites, bundled with internet

10 ☒ Internal Connections**Do you have a Request for Proposal (RFP) that specifies the services you are seeking ?**

a ☒ **YES**, I have an RFP. It is available on the Web at or via (check one):
☒ the Contact Person in Item 6 or ☐ the contact listed in Item 11.

b ☐ **NO**, I do not have an RFP for these services.

If you answered **NO**, you must list below the Internal Connections Services you seek. Specify each **service or function** (e.g., local area network) and quantity and/or capacity (e.g., connecting 10 rooms and 300 computers at 56kbps or better). See the Eligible Services List at www.sl.universalservice.org for examples of eligible Internal Connections services. Add additional lines if needed.

Service or Function:	Quantity and/or Capacity:
internet access wireplan (maint. & inst.)	9 district school sites
internet access: moves, changes, additions	minimum 100 drops
school level support for internet services	9 district school sites
purchase, install, maintain network server	9 district school sites; min. 9 network servers
fiber optic modules, switch upgrade	minimum 9 upgrades
servers: network files ser., DNS, web service	minimum 9 servers
switches: add on modules, fiber+connections	minimum 9 switches
maintenance contract telephone systems	9 district school sites
uninterrupted power supply	minimum 9 units, 1400 VA minimum size
video conferencing equipment	server/software: minimum 9 sites support
on-site technical support	service and support for 9 sites
terminal servers	minimum 9 terminal servers

11 (Optional) Please name the person on your staff or project who can provide additional technical details or answer specific questions from service providers about the services you are seeking. This need not be the contact person listed in Item 6 nor the signer of this form.

Name:	Title:
Mike Staples	Technology Coordinator

Telephone number
(318) 259 - 4456

Fax number
(318) 259 - 4514

E-mail Address

mstaples@nls.k12.la.us

12. ☐ Check here if there are any restrictions imposed by state or local laws or regulations on how or when providers may contact you or on other bidding procedures. Please describe below any such restrictions or procedures, and/or provide Web address where they are posted and a contact name and telephone number for service providers without Internet access.

13. If you intend to enter into a multi-year contract based on this posting or a contract featuring an option for voluntary extensions you may provide that information below. If you have plans to purchase additional services in future years, or expect to seek new contracts for existing services, summarize below (including the likely timeframes).

Block 3: Technology Assessment

14. ☐ **Basic telephone service only:** If your application is for basic local and long distance telephone service (wireline or wireless) only, check this box and skip to Item 16.

15. Although the following services and facilities are ineligible for support, they are usually necessary to make effective use of the eligible services requested in this application. Unless you indicated in Item 14 that your application is ONLY for basic telephone service, you must check at least one box in (a) through (e). You may provide details for purchases being sought.

a. Desktop software: Software required ☐ has been purchased; and/or ☐ is being sought.

b. Electrical systems: ☐ adequate electrical capacity is in place or has already been arranged; and/or ☐ upgrading for additional electrical capacity is being sought.

c. Computers: a sufficient quantity of computers ☐ has been purchased; and/or ☐ is being sought.

d. Computer hardware maintenance: adequate arrangements ☐ have been made; and/or ☐ are being sought.

e. Staff development: ☐ all staff have had an appropriate level of training /additional training has already been scheduled; and/or ☐ training is being sought.

f. Additional details: Use this space to provide additional details to help providers to identify the services you desire.

Block 4: Recipients of Service

16. Eligible Entities That Will Receive Services:

Check the ONE choice (a,b or c) that best describes this application and the eligible entities that will receive the services described in this application. You will then list in Item 17 the entity/entities that will pay the bills for these services.

a. ☐ Individual school or single-site library.

b. ☐ Statewide application for (enter 2-letter state code) LA representing (check all that apply):

- ☐ All public schools/districts in the state:
- ☐ All non-public schools in the state:
- ☐ All libraries in the state:

If your statewide application includes INELIGIBLE entities, check here. ☐ If checked, complete Item 18.

c. ☒ School district, library system, or consortium application to serve multiple eligible entities:

Number of eligible sites	9
<i>For these eligible sites, please provide the following</i>	
Area Codes (list each unique area code)	Prefixes associated with each area code (first 3 digits of phone number) separate with commas, leave no spaces
318	249, 259 <input type="checkbox"/>
If your application includes INELIGIBLE entities, check here. <input type="checkbox"/> If checked, complete Item 18.	

17. Billed Entities

List the entity/entities that will be paying the bills directly to the provider for the services requested in this application. These are known as Billed Entities. At least one line of this item must be completed. Attach additional sheets if necessary.

Entity	Entity Number
JACKSON PARISH SCHOOL DISTRICT	139315

18. Ineligible Participating Entities

Does your application also seek bids on services to entities that are not eligible for the Universal Service Program? If so, list those entities here (attach pages if needed):

Ineligible Participating Entity	Area Code	Prefix
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Block 5: Certification and Signature

19. The applicant includes:(Check one or both)

- a. ☒ schools under the statutory definitions of elementary and secondary schools found in the No Child Left Behind Act of 2001, 20 U.S.C. Secs. 7801(18) and (38), that do not operate as for-profit businesses, and do not have endowments exceeding \$50 million; and/or
- b. ☒ libraries or library consortia eligible for assistance from a State library administrative agency under the Library Services and Technology Act of 1996 that do not operate as for-profit businesses and whose budgets are completely separate from any school (including, but not limited to elementary and secondary schools, colleges and universities).

20. All of the individual schools, libraries, and library consortia receiving services under this application are covered by:

- a. ☒ individual technology plans for using the services requested in the application, and/or
- b. ☒ higher-level technology plans for using the services requested in the application, or
- c. ☒ no technology plan needed; application requests basic local and/or long distance telephone service only.

21. Status of technology plans (if representing multiple entities with mixed technology plan status, check both a and b):

- a. ☒ technology plan(s) has/have been approved by a state or other authorized body.

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- b. ☒ technology plan(s) will be approved by a state or other authorized body.
- c. ☒ no technology plan needed; application requests basic local and long distance telephone service only. .
22. ☒ I certify that the services the applicant purchases at discounts provided by 47 U.S.C. Sec. 254 will be used solely for educational purposes and will not be sold, resold, or transferred in consideration for money or any other thing of value.
23. ☒ I recognize that support under this support mechanism is conditional upon the school(s) or library(ies) I represent securing access to all of the resources, including computers, training, software, maintenance, and electrical connections necessary to use the services purchased effectively.
24. ☒ I certify that I am authorized to submit this request on behalf of the above-named entities, that I have examined this request, and to the best of my knowledge, information, and belief, all statements of fact contained herein are true.
25. Signature of authorized person: ☒
26. Date (mm/dd/yyyy): 12/05/2000
27. Printed name of authorized person: ARCHIE J. CHANDLER
28. Title or position of authorized person: Superintendent
- 29a. Address of authorized person:
City: State: Zip:
- 29b. Telephone number of authorized person: (318) 259 - 4456
- 29c. Fax number of authorized person: ()
- 29d. E-mail address number of authorized person:

Persons willfully making false statements on this form can be punished by fine or forfeiture, under the Communications Act, 47 U.S.C. Secs. 502, 503(b), or fine or imprisonment under Title 18 of the United States Code, 18 U.S.C. Sec. 1001.

Service provider involvement with preparation or certification of a Form 470 can taint the competitive bidding process and result in the denial of funding requests. For more information, refer to the "Service Provider Role in Assisting Customers" at www.sl.universalservice.org/vendor/manual/chapter5.doc or call the Client Service Bureau at 1-888-203-8100.

NOTICE: Section 54.504 of the Federal Communications Commission's rules requires all schools and libraries ordering services that are eligible for and seeking universal service discounts to file this Description of Services Requested and Certification Form (FCC Form 470) with the Universal Service Administrator. 47 C.F.R. § 54.504. The collection of information stems from the Commission's authority under Section 254 of the Communications Act of 1934, as amended. 47 U.S.C. § 254. The data in the report will be used to ensure that schools and libraries comply with the competitive bidding requirement contained in 47 C.F.R. § 54.504. All schools and libraries planning to order services eligible for universal service discounts must file this form themselves or as part of a consortium.

An agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a currently valid OMB control number.

The FCC is authorized under the Communications Act of 1934, as amended, to collect the information we request in this form. We will use the information you provide to determine whether approving this application is in the public interest. If we believe there may be a violation or a potential violation of a FCC statute, regulation, rule or order, your application may be referred to the Federal, state, or local agency responsible for investigating, prosecuting, enforcing,

or implementing the statute, rule, regulation or order. In certain cases, the information in your application may be disclosed to the Department of Justice or a court or adjudicative body when (a) the FCC; or (b) any employee of the FCC; or (c) the United States Government is a party of a proceeding before the body or has an interest in the proceeding. In addition, information provided in or submitted with this form or in response to subsequent inquiries may also be subject to disclosure consistent with the Communications Act of 1934, FCC regulations, the Freedom of Information Act, 5 U.S.C. § 552, or other applicable law.

If you owe a past due debt to the federal government, the information you provide may also be disclosed to the Department of the Treasury Financial Management Service, other Federal agencies and/or your employer to offset your salary, IRS tax refund or other payments to collect that debt. The FCC may also provide the information to these agencies through the matching of computer records when authorized.

If you do not provide the information we request on the form, the FCC may delay processing of your application or may return your application without action.

The foregoing Notice is required by the Paperwork Reduction Act of 1995, Pub. L. No. 104-13, 44 U.S.C. § 3501, et seq.

Public reporting burden for this collection of information is estimated to average 4 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, completing, and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing the reporting burden to the Federal Communications Commission, Performance Evaluation and Records Management, Washington, DC 20554.

Please submit this form to:

**SLD-Form 470
P.O. Box 7026
Lawrence, Kansas 66044-7026
1-888-203-8100**

For express delivery services or U.S. Postal Service, Return Receipt Requested, mail this form to:

**SLD-Form 470
c/o Ms. Smith
3833 Greenway Drive
Lawrence, Kansas 66046
1-888-203-8100**

FCC Form 470
May 2003

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DECLARATION OF MARK STEVENSON
SEND TECHNOLOGIES, L.L.C.

1. My name is Mark Stevenson. I am the President of Nexus Systems, Inc., formerly known as SEND Technologies, L.L.C. ("SEND").
2. This declaration is written in regards to the FCC Form(s) 470 for funding years 2002-2004 filed by Jackson Parish and the subsequent proposals from SEND.
3. Prior to funding year 2002, SEND was the incumbent Internet access service provider beginning in 1998 with other vendors providing other services. Mr. Talton Barron, Supervisor of Jackson Parish, was assigned the duties of Technology Coordinator recently before the funding year 2002 E-rate cycle began. Mr. Mike Staples had been the Technology Coordinator prior to the funding year 2002 and has recently been re-assigned the same duties.
4. Mr. Barron and another Supervisor were attending a regional education meeting in Monroe and stopped by the SEND's offices. Mr. Barron spoke to me about being completely new to the position of Technology Coordinator and being uncertain about what was involved with the FCC Form 470. I showed him the Eligible Services List and provided general information about what was involved for the different categories of Telcom, Internet, and Internal Connections. I believe I also showed him an example of other FCC Forms 470 we had already seen posted by other applicants.
5. Mr. Barron noted that Jackson was satisfied with their current service levels and Technology Plan and asked how to complete the process to submit a FCC Form 470 like the previous year's request. I told him I could answer questions about our services, but I could not make decisions for him or submit an FCC Form 470.
6. Mr. Barron called his office to ask some questions which I assume were about the next year technology budgets and plans. Then Mr. Barron filed out the FCC Form 470 at one of our computers and Mr. Barron submitted the FCC Form 470. He also printed the certification page to mail.
7. During previous funding years, there had been several problems observed with critical certification pages and other documents being lost in the postal mail. During that period, the FCC offered no relief for documentation lapse and districts risked losing all funding for an incomplete process. I reminded Mr. Barron he must be sure to send the certification page by registered mail or Federal Express. As our offices were only a short distance from Federal Express and we ship items daily, I offered to have our office Federal Express the certification page which he allowed.
8. Jackson submitted the FCC Form 470 on October 3, 2001. SEND submitted a proposal for Internet access with a three year contract period on January 3, 2002 and was awarded the contract January 8, 2002. Jackson waited 84 days to receive and consider bids.
9. USAC denied Jackson funding for 2002 because of a documentation issue where USAC maintained Jackson did not provide certain budgetary information during Selective

Review. Unfortunately, Jackson did not send the requested information by Federal Express and could not prove there had been a timely response. All funding for the year was lost.

10. The USAC denial of funding year 2002 did not occur until almost two years after the original submission of the year 2002 FCC Form 471. The SEND contract for 2002 contained a clause allowing the customer to cancel for subsequent funding periods upon notice. Jackson elected to consider other proposals for 2003 and then filed another FCC Form 470 for 2003 on 11/22/2002. SEND submitted a proposal for newer microwave technology and/or other options, but SEND also offered to continue the 2002 contract. Jackson later informed SEND they elected to keep the current service in place under the 2002 contract and filed the FCC Form 471 on February 6, 2003. Jackson waited 77 days to receive and consider bids.
11. During the FCC Form 470 period for 2004, Jackson still had not been informed by USAC of the status of Year 2002 or Year 2003. Jackson filed a new FCC Form 470 for 2004 on November 13, 2003. Nexus Systems, Inc. had begun assumption of various contracts from SEND. Nexus Systems, Inc. responded to the year 2004 FCC Form 470 with a new proposal with various options, but also offered to continue the 2002 SEND contract. For the 2004 year, Nexus Systems, Inc. was also asked, along with several other vendors, to participate in a proposal interview and/or defense as part of the evaluation process. Jackson later informed Nexus Systems, Inc. they elected to keep the current service in place under the 2002 contract and filed the FCC Form 471 on February 3, 2004. Jackson waited 82 days to receive and consider bids.
12. Recently, I asked Mr. Mike Staples of Jackson Parish why Jackson stayed with the 2002 SEND contract, even with multiple offerings later from both SEND and other vendors. He informed me the 2002 contract was the most cost effective and it was not a good decision for the Parish to move to a new contract. The district continually exercised due diligence and repeatedly validated the original decision. SEND provided the most cost effective proposal for multiple years. Even when other vendors could easily determine the 2002 contract costs as part of the public record, they did not offer a better contract for 2003 or 2004.
13. I have reviewed the foregoing Petition for Reconsideration and declare under penalty of perjury, that the facts stated therein with respect to SEND are true and correct to the best of my knowledge and belief.

Executed on this 24th day of March, 2008.


Mark Stevenson, President

Nexus Systems, Inc., formerly known
as SEND Technologies, L.L.C.